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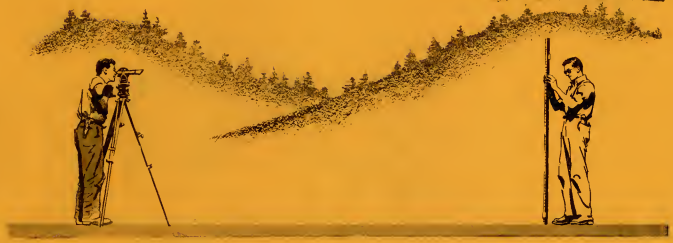
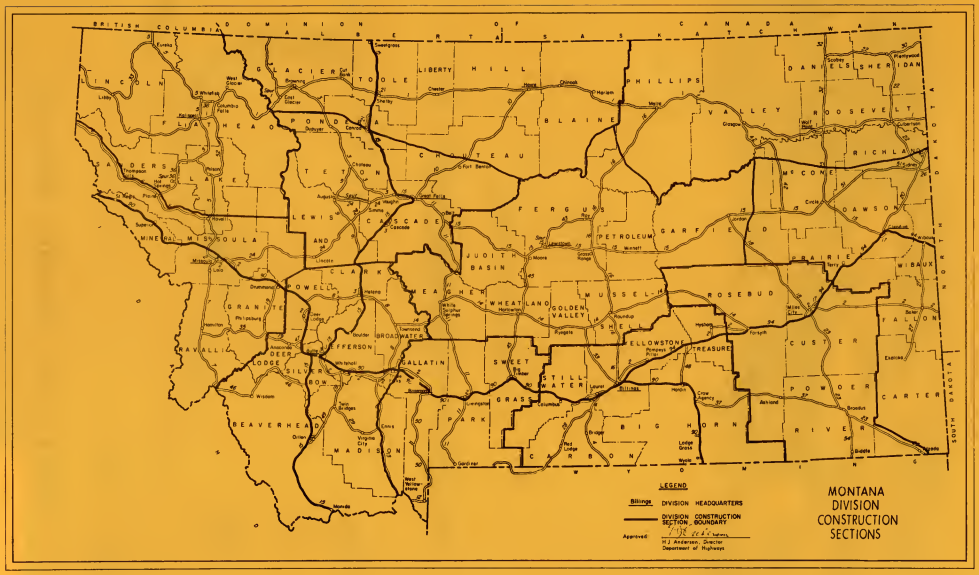


FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

SEPTEMBER 6, 1977



BRITISH COLUMBIA
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ALBERTA
SASKATCHEWAN
NORTH DAKOTA
SOUTH DAKOTA
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FLATHEAD
GLACIER
TOOLE
LIBERTY
HILL
PHILLIPS
DANIELS
SHERIDAN
ROOSEVELT
VALLEY
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PONDERA
CHOUTEAU
TETON
SANDERS
LAKE
LEWIS AND CLARK
CASCADE
FERGUS
PETROLEUM
GARFIELD
McCONE
RICHLAND
DAWSON
MINERAL
MISSOULA
JUDITH BASIN
PRAIRIE
WIBAUX
POWELL
MEAGHER
WHEATLAND
GOLDEN VALLEY
MUSSELSHELL
ROSEBUD
GRANITE
BROADWATER
JEFFERSON
RAVALLI
DEER LODGE
SILVER BOW
GALLATIN
SWEET GRASS
STILLWATER
TREASURE
ELLOWSTONE
CUSTER
FALLON
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CARBON
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Billings DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved
H J Anderson, Director
Department of Highways
MONTANA
DIVISION
CONSTRUCTION
SECTIONS

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SEP 6 1977
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MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
SEPTEMBER 2, 1977

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending September 2, 1977:

GENERAL

Skies have been cloudy with rain and temperatures cool the past two weeks. Progress has been fair on the active projects.

PRECONSTRUCTION

I 90-1(77)22, Drexel-East & West
Length-5.342 Miles, Construction Staking
Lorren Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471
Construction layout remains 28% complete. Personnel are currently working on other assignments.

I 90-1(13)39-43, Sloway-East & West
I 90-1(40)43-47, Superior-West
F 254(10), LaVista-Superior Primary
Henningson, Durham & Richardson
Helena, Montana, Consultants
Probable Completion Date-July 30, 1977
The consultants are working on summaries. The roadway portion of the contract is 97.8% complete, the bridge section is 100% complete, and the total contract as a whole is 99.3% complete.

HHS 6-1(2)69, Plains-East & West
Length-9 miles
Carl Smith, Field Project Manager
General Delivery, Plains, Montana
Contract scheduled for letting in December, 1977. Personnel are presently working at St. Regis.

RF 6-1(4), Plains-Paradise
Length-6.9 Miles
Carl Smith, Field Project Manager
General Delivery, Plains, Montana
No work has been done on this project the past two weeks. Personnel are working on other projects. The project is 8% complete.

F 6-1(5), Thompson Falls-East
Length-10 Miles, Preliminary Engineering
Personnel Unassigned
Work will be started when personnel are available.

F 7-1(1), Hamilton-North — Al Dutton, Field Project Manager
Length-2 Miles — Missoula, Montana, Phone 549-6491
No work has been done on this project the past two weeks.

F 7-1(7), Charlo-Heights — Al Dutton, Field Project Manager
Length-4.9 Miles — Missoula, Montana, Phone 549-6491
No work has been done on this project the past two weeks.

FF 7-1(10), Victor-South — Al Dutton, Field Project Manager
Length-9.5 Miles — Missoula, Montana, Phone 549-6491
Project remains 20% complete. No work has been done on this project the past two weeks.

FF 7-1(11), Florence-Lolo, Add 2 Lanes — Jim Smith, Designer II
Length-8.5 Miles — Missoula, Montana, Phone 549-6491
Design remains 20% complete. Designer is working on other assignments.

F 41-1(1), Avon-North Overlay — Jim Smith, Designer II
Length-7.8 Miles — Missoula, Montana, Phone 549-6491
Design remains 5% complete. Designer is working on other assignments.

F 197(8), Dixon-Ravalli — Personnel Unassigned
Length-8.5 Miles, Preliminary Engineering
Work will be started when personnel are available.

RS 269-1(1), State Route 269, Stevensville — Jim Smith, Designer II
Length-0.8 Miles — Missoula, Montana, Phone 549-6491
Field notes and hardshell returned to survey crew for corrections and additional field information on August 31, 1977. Design remains 5% complete.

M 8114(1), Missoula — Personnel Unassigned
Fifth and Sixth to Seventh Streets
Work will be started when personnel are available.

C O N S T R U C T I O N

I 90-1(80), Lookout Pass-East — Northwest Construction, Inc.
Length-10.732 Miles, AGS-PMS-G. Rail-Sign — Kirkland, Washington, Contractor
Contract Awarded May 6, 1975 — Mike Jovanovich, Engineer Tech. 3
Amount of Contract-$5,359,580.07 — St. Regis, Montana, Phone 649-2460
Work Started June 30, 1975 — Contract Time-200 Working Days
Work Proceed Date-May 28, 1975 — Probable Completion Date-October 20, 1977
The project as a whole is 99% complete with 78% of the contract time elapsed. Pit reclamation remains to be completed. Seeding of the pit will be done in the fall of this year. One engineer assigned to the project is currently working at St. Regis.

I 90-1(78)11, Saltese-DeBorgia
Length-10.8 Miles
PMS, PCCP & Related Items
Contract Awarded-May 3, 1977
Amount of Contract-$6,244,632.55
Work Proceed Date-May 24, 1977

Peter Kiewit Sons' Company
Billings, Montana, Contractor
Gary Eichert, Field Project Manager
St. Regis, Montana, Phone 649-2460
Probable Completion Date-September, 1978

Two five-men survey crews have been working six 9-hour shifts per week setting grade controls for asphalt and concrete paving. The project as a whole is 23% complete with 27% of the contract time elapsed. Construction layout is 30% complete.

I 90-1(50)16, U-1 & I 90-1(52)11, U-1
Saltese-Haugan & DeBorgia-East & West
Length-10.828 Miles, GR-AGG. SURF-PMB
Contract let December 14, 1972
Amount of Contract-$5,533,558.78
Work Started February 15, 1973

Washington Construction Company
Missoula, Montana, Contractor
Carl Smith, Field Project Manager
General Delivery, Plains, Montana
Contract Time-350 Calendar Days
Completed on August 12, 1976

Final data was forwarded to Helena on August 23, 1977.

I 90-1(77)22, U-1, Drexel-East & West
Length-455 Ft. & 638 Ft. Composite Steel & Girder Bridges over St. Regis River
Contract let July 2, 1975
Work Started August 19, 1975
Amount of Contract-$2,282,935.00

Hensel Phelps Construction Company
Vancouver, Washington, Contractor
Jack Silvey, Engineer Tech. 3
Missoula, Montana, Phone 549-6491
Completed July 8, 1977
Contract Time-140 Working Days

One engineer is working on the final estimate to be turned in on September 23, 1977.

I 90-1(77)22, U-2, Drexel-East & West
Length-0.5 Miles, Grading & Detours
Contract let June 10, 1976
Amount of Contract-$1,453,180.88
Work Started July 6, 1976
Work Proceed Date-July 6, 1976

Washington Construction Company
Missoula, Montana, Contractor
Lorren Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract Time-120 Working Days
Completion Date-December 7, 1976

Final estimate will be forwarded to Helena about September 9, 1977.

I 90-1(77)22, U-3, Drexel-East & West
Length-138 Ft. Prestressed Concrete Girder Overpass
Contract let November 19, 1976
Amount of Contract-$292,648.99
Work Started April 15, 1977

Sletten Construction Company
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time-135 Working Days
Probable Completion Date-November 15, 1977

The contractor has completed the substructure, has set all of the PSB's, and is now forming the backwalls and diaphragms and decking the westbound roadway. The project as a whole is 62% complete with 65% of the contract time elapsed. Construction layout, with 4 engineers engaged, is 90% complete.

I 90-1(77)22, U-4, Drexel-East & West
Construction of Dual 122.5 Ft. Concrete Girder Overpass (Drexel Interchange)

Cop Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager

Contract let June 23, 1977
Amount of Contract-$304,433.16
Superior, Montana, Phone 822-4972
Probable Completion Date-May 31, 1978
The contractor has been driving service pile at Bents 2 and 3, placing concrete for the footings and columns, and building bridge fills. The project as a whole is 25% complete with 20% of the contract time elapsed. Eighteen men are working five 8-hour shifts per weeks. Construction layout, with two engineers engaged, is 10% complete.

I 90-1(77)22, U-5, Drexel-East & West
Structures at Sta. 241+61 & 251+80
Contract let February 24, 1977
Amount of Contract-$1,102,551.98
McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
The contractor has placed concrete for the Pier cap at Sta. 242 and is setting the beam bottom for the cap at Sta. 242. The cofferdam has been set for Pier #3 at Sta. 252 and the footing is being formed for Pier #2 at Sta. 252. Sixteen men are working fifteen 8-hour shifts per week. The project as a whole is 20% complete with 44% of the contract time elapsed. Construction layout, with five engineers engaged, is 44% complete.

I 90-1(77)22, U-6, Drexel-East & West
Length-0.207 Miles
Construction of End Bents & Composite Steel and Concrete Girder Bridges
Contract let May 26, 1977
McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
Larry Chezik, Field Project Manager
St. Regis, Montana, Phone 649-2479
Amount of Contract-$1,242,649.35
The contractor has been excavating and forming and tying reinforcing steel for the footings of Bent #5 on the structure at Sta. 183+57. Four men have been working fourteen 8-hour shifts per week. The project as a whole is 2% complete with 3% of the contract time elapsed.

I-IG 90-1(61)27, U-1, St. Regis-East & West
Length-151.5 Ft. Prestressed Concrete Girder Bridge, 376 Ft. Composite Steel over St. Regis River, & Grading Detour Road
Contract let March 31, 1977
Amount of Contract-$1,007,222.56
Cop Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
Superior, Montana, Phone 822-4972
Contract Time-250 Working Days
Probable Completion Date-November 15, 1977
The contractor has been placing reinforcing steel on the deck of the L-2 ramp structure, placing concrete for the footings at Abutment 5, and driving test pile at Abutment 1. Eight men have been working five 8-hour shifts per week. The project as a whole is 28% complete with 33% of the contract time elapsed. Construction layout, with three engineers engaged, is 15% complete.

I 90-1(59)35, U-1, St. Regis-East
Length-3.6 Miles, GR-AGG. SURF-PMB
Sign & Flasher Installation
Contract let December 16, 1976
Amount of Contract-$2,836.425.90
Work Proceed Date-April 18, 1977
Washington Construction Company
Missoula, Montana, Contractor
Lorren Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract Time-220 Working Days
Probable Completion Date-December 15, 1977
The contractor has the rock cap from Sta. 830 to 891 EB in place and is presently placing 1½" Grade 5A material. Thirty-seven men are working five 8-hour shifts per week. The project as a whole is 54% complete with 39% of the contract time elapsed. Construction layout, with fourteen engineers engaged, is 85% complete.

I 90-1(87)45, Superior-West
Length-544.5 Ft. Composite Steel & Concrete
Girder Bridge over the Clark Fork River
Contract let June 26, 1975
Amount of Contract-$1,084,707.40
Work Started August 25, 1975

Hensel Phelps Construction Company
Vancouver, Washington, Contractor
George Roat, Field Project Manager
Superior, Montana, Field Project Manager
Contract Time-250 Working Days
Probable Completion Date-August 19, 1977

The contractor has been painting structural steel and applying the boiled linseed oil deck treatment. The project was completed and accepted by the Construction Bureau on August 26, 1977. The project as a whole is 100% complete with 99% of the contract time elapsed. Construction layout, with one engineer engaged, is 100% complete.

I 90-1(51)78, U-3, Huson-West
Length-1,020 Ft. Composite Steel & Concrete
Girder Bridge over the Clark Fork & Emb. Apps.
Contract let August 16, 1974
Amount of Contract-$2,367,500.00
Work Started October 9, 1974

Hensel Phelps Construction Company
Vancouver, Washington, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract Time-280 Working Days
Completion Date-June 28, 1977

Final data will be forwarded to Helena by September 30, 1977.

F 93-1(1)0, U-1, Lolo Pass-Lolo
Length-16.1 Miles
Overlay and Striping
Contract let July 29, 1977
Amount of Contract-$689,279.03
Work Has Not Yet Been Started

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-60 Working Days
Probable Completion Date-July 1, 1978

The engineering crew has been re-establishing control points for the curves and spirals. The contractor is waiting for approval of the pit reclamation plan from the State Land Bureau. Construction layout, with seven engineers engaged, is 85% complete.

RF 164(20), Philipsburg-South
Length-7.7 Miles, PMB. Seal & Cover
Signing & Lighting
Contract let May 13, 1976
Amount of Contract0$591,661.11
Work Started May 26, 1976

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-90 Working Days
Work Completed April 14, 1977

Final estimate will be forwarded to Helena about October 7, 1977.

RF 192(9), Arlee-Safety, US 93
Flasher Installation & Traffic Control Devices
Contract let November 19, 1976
Amount of Contract-$29,588.95
Work Started March 14, 1977
Work Proceed Date-April 19, 1977

S & S Construction Company
Helena, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-20 Working Days
Probable Completion Date-August 30, 1977

The contractor is awaiting delivery of the proper signs. Construction layout, with one engineer engaged, si 98% complete.

HHS 219(1), FF 219(32) & HHS 21(35)
DeSmet Interchange-North, Evaro-North &
South & Evaro Hill

McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
Chuck Hegman, Field Project Manager

Length-10.595 Miles, Missoula & Lake Counties
Contract let February 26, 1976
Amount of Contract-$876,235.40
Missoula, Montana, Phone 549-6491
Contract Time-110 Working Days
Contract Completed September 29, 1976
Final estimate will be submitted to Helena about September 30, 1977.

RS-DP 224(14), U-2, Reserve Street
Length-148 Ft. Concrete Girder Overpass Over C.M.ST.P.& P. Railroad, Approaches & Fencing
Contract Awarded-May 2, 1977
Amount of Contract-$360,910.77
Work Proceed Date-May 23, 1977
General Construction Company
Butte, Montana, Contractor
Chuck Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-105 Working Days
Probable Completion Date-November 15, 1977
The contractor has fifteen men working five-8-hour shifts per week, on railroad overpass and grading operations. The project as a whole is 26% complete with 36% of the contract time elapsed. Construction layout, with six engineers engaged, is 60% complete.

RS 343(12), Avon-Helmville
Length-5.1 Miles, G-AGG. SURF-PMB Widen and Guardrail Revision
Contract let May 27, 1976
Amount of Contract-$1,168,747.12
Work Started July 7, 1976
Washington Construction Company
Missoula, Montana, Contractor
Jerry Tahija, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-150 Working Days
Completion Date-July 27, 1977
Two engineers are working on the final estimate to be sent to the Division office.

M-RS 000S(53), Missoula County-Urban
Length-37.9 Miles, Signing & Delineation
Contract let October 29, 1976
Amount of Contract-$58,986.70
Contract Time-90 Working Days
Western Sign Corporation
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Completion Date-June 10, 1977
Final estimate will be submitted to the Division office by September 23, 1977.

ROS 4144(52) U-5, Bridge End Protection
East Missoula, Bridge End Guardrail and Concrete Median Rail
Contract let June 23, 1977
Amount of Contract-$12,721.80
Frank Gurney Inc. & Subsidiary
Spokane, Washington, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Completion Date-July 29, 1977
The final estimate will be submitted to the Division office about September 30, 1977.

M 8105(3), Missoula, Channelization & Signal Revision, W. Broadway & Russell Intersection
Contract let November 19, 1976
Amount of Contract-$125,400.50
Work Proceed Date-April 18, 1977
Work Started February 23, 1977
Fred Strandberg Construction Company, Inc.
Helena, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable Completion Date-October 21, 1977
The contractor is still waiting on materials for the underground phase of the work. The subcontractor has been working on grading, surfacing, and drainage. Four to eight men have been working two 8-hour shifts per week. The project as a whole is 42% complete with 0% of the contract time elapsed. Construction layout, with two engineers engaged, is 70% complete.

M 8107(4), North Orange Street, Missoula
Length-0.8 Miles, Lighting & Overhead Monitor
Contract let August 25, 1976
Amount of Contract-$85,663.22
Work Started March 22, 1977
Work Proceed Date-September 20, 1976
Midland Electric Company
Billings, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana Phone 549-6491
Probable Completion Date-September 15, 1977
Contract Time-60 Working Days
The contractor has been waiting on material to complete the project. Construction layout, with two engineers engaged, is 90% complete.

M 8199(2), U-2 & M-U 8199(4), Missoula
School Crossing, Signing & Signalization
Contract let June 10, 1976
Amount of Contract-$106,132.00
Work Started July 20, 1976
Work Proceed Date-July 6, 1977
Western Sign Corporation
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-60 Working Days
Completion Date-June 2, 1977
Final estimate will be submitted to the Division office about September 30, 1977.

SMP 3299-77, Missoula & Ravalli Counties
Crush and Stockpile 55,000 Tons Aggregate
Contract let January 27, 1977
Amount of Contract-$166,025.00
Work Proceed Date-April 18, 1977
Work Started June 8, 1977
Washington Construction Company
Missoula, Montana, Contractor
Dwight Lohn, Lab Supervisor 3
Missoula, Montana, Phone 549-6491
Contract Time-80 Working Days
Completion Date-August 8, 1977
One inspector is working part time checking final quantities. The final estimate will be submitted to the Division office about September 30, 1977.

Thomas J. Barnard

For BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

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SEP 2 1977
CONSTRUCTION BUREAU

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

SEPTEMBER 2, 1977

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activiites in area 1230 for the period ending September 2, 1977.

G E N E R A L

Progress has ranged from poor to good. Weather has been cool and cloudy with considerable precipitation. Day time temperatures ranged from +55° to +70° with night temperatures from +37° to +52°. Highways are in average summer driving condition with heavy traffic.

P R E - C O N S T R U C T I O N

HHS-58(28) Libby-Kalispell
Length - 2000' & 4700' Alignment
Design Started - April 5, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone - 755-5717
Est. Comp. Date - Pending

There has been no work on design the past period. A typical section recommendation has been requested from the Materials Bureau. Thirty four man days have been used to date on design, which is approximately 6% complete.

F83-2(1) 67 Swan Lake North Overlay
Length - 12.6 Miles
Survey & Design Authorization - Jan. 31, 1977
Design Started - Feb. 23, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - September 15, 1977

A plan-in-hand was held on August 30, 1977. Work has now begun on plan-in-hand changes. Design is approximately 70% complete.

F-38-1(03); ((F-100(9)) Columbia Falls
East & West RS 486-1(2); ((S-334(2))
Nucleus Avenue
Length - 5.4 Miles
Design Started - Jan. 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Sept. 30, 1977

F-38-1(03)

There has been no work on design the past period. Work will resume and be completed after the storm drain design is received from the Hydraulics Unit. 329 man days have been used to date on design, which is approximately 70% complete.

RS-486-1(2)

There has been no work on design the past period. Work will resume and be completed after the storm drain design is received from the Hydraulics Unit. 77 man days have been used to date on design, which is approximately 70% complete.

F-1-2(3) (RF-257(16)) & LSF-1-257(5)
Coram-West Glacier Section
Length - 4.8 Miles
Scheduled for Jan. 1978 Letting

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950

A 5 man survey crew worked 9 days the past period setting the R/W on the section line Sta. 627+ and other R/W breaks throughout the project. Referencing and R/W are approximately 40% complete. A total of 443 man days have been used to date.

Utilities

Montana Power - No work this past period.

Montain State Telephone - No work this past period.

Burlington Northern R.R.Tel. - No work has been performed to date.

Flathead Electric Co-op - Harp Line Constructors Co., contractor for Flathead Electric Co-op, worked 10 days the past period with 3-6 men employed performing service revisions and miscellaneous work. The relocation is approxiamtely 60% complete.

Northwest Telephone Systems, Inc. - Harp Line Constructors Co., contractor for Northwest Telephone Systems, Inc., worked 10 days the past period with 1-5 men employed splicing cable, setting pedestals, and making service line revisions. The telephone relocation is approximately 55% complete.

F-5-4(1) ((F-263(8)) Stryker-Roosville
Length - 7.8 Miles
Design Started - May 6, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

One man worked 8 days the past period on cross sections and plan sheets for the alternate lines. Thirty eight man days have been used to date on design, which is approximately 4% complete.

RS-352(2) Libby South East Rte. 482
Length - 3.5 Miles
Survey Authorization Dated - Dec. 6, 1974
Survey Suspended - Jan. 17, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Est. Comp. Date - Pending

No work on this location survey the past period. The limited survey which consists of centerline, section ties and level datum remains 3% complete.

RS-451(1) West Reserve Drive
Length 6.5 Miles
Design Started - June 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design this reporting period. Work will resume after design personnel have completed currently assigned project. 82 man days have been used to date on RS-451(1) design, which is approximately 12% complete.

S-508-1(1)
NW Troy, Yaak River-Rexford
Length 1.1 Miles
Design Started - July 6, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - October 30, 1977

Work is currently being done on plan sheets, summaries, and cross sections. Design is approximately 45% complete.

F 5-2(05) Elmo-Rollins (F191(15))
Length - 5.5 Miles
Ground Control Survey Started - August 29, 1977

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950
Est. Comp. Date - Pending

A 4 man crew started work August 29, 1977. Present activity consists of locating horizontal and vertical control points prior to tying for map design. 12 man days have been used to date with the survey 0% complete.

C O N S T R U C T I O N

HHS 1-2(2)121 ((HHS 257(30))
Kalispell East-Street Lighting & Signal
Length - 1.5 Miles
Contract Let - May 26, 1977
Contract Awarded - May 31, 1977
Contract Amount - $179,990.10
Proceed Order - June 21, 1977
Work Started - August 22, 1977

Harp Line Const. Co.
Kalispell, Montana 59901
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 120 Working Days
Prob. Comp. Date - December 1, 1977

The contractor began work on the project August 22, 1977 and worked 2 days with 2 men employed laying 1" conduit before parking lots were paved in 2 areas. They are presently shut down awaiting anchor bolts, with a plan to resume work on September 6, 1977. A revised foundation design was just received from Helena for a shorter base to clear the water main. The project is 0% complete with 0% of the contract time elapsed.

ERFO 72(2) Essex-Summit
Bear Creek - Flood Repair
Length - N/A
Contract Let - Oct. 29, 1976
Contract Awarded - Oct. 29, 1976
Contract Amount - $1,711,336.10
Proceed Order - April 18, 1977
Work Started - Nov. 22, 1976

Zook Brothers Const. Co.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Essex, Montana 59916
(No Phone)
Contract Time - 120 Working Days
Prob. Comp. Date - Sept. 30, 1977

No progress. Contractor worked 9-8 hour shifts during this past period. 2-6 men were employed on completing culvert, guard rail and general clean up. All items are 100% complete with the exception of seeding, which will be completed in September. The project as a whole is approximately 99% complete with 77% of the contract time elapsed. Construction layout is approximately 97% complete with three to eight personnel assigned for surveying and checking notes.

RF-BRF-100(15) Flathead River Bridge
Columbia Falls
Pre-Stressed Concrete Girder Bridge &
Grade, & Surf. Temp. Approach
Length - 0.303 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1976(Con.by FHWA)
Contract Amount = $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

COP Construction Company
Billings, Montana 59101
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 300 Working Days
Prob. Comp. Date - Sept. 15, 1977

Progress has been poor this past period with no work by the contractor. As the remaining clean up work requires very low water elevation, little time is being assessed to the contractor. The project remains approximately 99% complete with 98% total contract time lapsed. One inspector is assigned to the project.

U191(38) St. Matthew School Signals
MU6799(1) #2 Signal Upgrade
Installation of Flasher at St. Matthew
School Crossing on Main St. in Kalispell
and Signal Controller Upgrade on Four
Intersections on U.S. #2
Contract Let - March 25, 1976
Contract Awarded - March 31, 1976(FHWA 4-1-76)
Contract Amount - $46,975.20
Proceed Order - April 22, 1976
Work Started - Oct. 13, 1976

Signal Electric Inc.
Kent, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950
Contract Time - 45 Working Days
Project Completed - April 29, 1977

The project was completed and accepted on April 29, 1977 and final was submitted to Division office June 15, 1977. Final is being checked as time permits and should be sumbitted to Helena about September 15, 1977.

F-330(6) Libby-East
Grade, Agg. Surf. Plant Mix Surf. &
Seal, Storm Sewer Installation
Signing Lighting & One Pre-Stressed
Concrete Girder Bridge
Length - 4.5 Miles
Contract Let - March 27, 1975
Contract Awarded - April 4, 1975
Contract Amount - $2,843,803.46
Proceed Order - April 28, 1975
Work Started - April 28, 1975

Zook Brothers Const. Co.
Great Falls, Montana 59401
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 200 Working Days
Project Completed - Dec. 6, 1976

One to two men have been working on the final the past two weeks. Due to other work loads the estimated submittal date is September 15, 1977.

RS-410(8) Wampoo-4th of July Creek-Yaak Road
Grade, Gravel, Surface, Plant Mix
Length - 4.6 Miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - July 6, 1976
Work Started - July 6, 1976

Murphy Brothers Inc.
Spokane, Washington
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time - 140 Working Days
Comp. Date - August 24, 1977

The project was completed and accepted on August 24, 1977. The project was completed with 95% of the contract time elapsed including the 25 day extension. Remeasure has been completed and notes have been submitted to Helena for computations. Three engineering personnel are working in the office on final quantities, and six other personnel will be on other work.

RS-DP-448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix Base
Length - 5.8 Miles
Contract Let - Dec. 18, 1975
Contract Awarded - Dec. 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950
Contract Time - 180 Working Days
Comp. Date - August 16, 1977

Progress has been good. The contractor worked 2 variable shifts, employing 2 men completing striping. The project was completed on August 16, 1977. Contract time elapsed during construction was 192 days or 98%. Construction layout is 100% complete with one man working on notes as time permits and should be submitted to the Division office about October 15, 1977.

RS 4144(52) UI Polson
RS 4144(52) U12 Ravalli
Bridge End Treatment
Contract Let - Feb. 24, 1977
Contract Awarded - Feb. 28, 1976
Contract Amount - $16,025.45
Proceed Order - April 18, 1977
Work Started - June 17, 1977

Western Sign
Great Falls, Montana 59401
Daniel Tombrink, Eng. Tech. III
Kalispell, Montana 59901
Phone: 755-3950
Contract Time - 30 Working Days
Project Completed - June 30, 1977

The project was completed and accepted on June 30, 1977 and the final was submitted to the Division office on Augustl2, 1977.

M6730(1) & RS 404(8) Kalispell-South Loop
Grade, Agg. Surf. Pl. Mix Base, Pl. Mix
Surf. & Water Line and Signing
Length - 3.7 Miles
Contract Let - Sept. 30, 1976
Contract Awarded - Oct. 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - Oct. 28, 1976
Work Started - Nov. 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Proj. Mgr
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 130 Working Days
Prob. Comp. Date - Oct. 15, 1977

Progress has been poor the past two weeks. The sub-contractor, Meyer Const., began paving on August 26, 1977 with P.M.B.B. being placed from 547 to 614, or approximately 20% of this item. Repair work on the curb and gutter was completed, making this item 100% complete. Construction layout is about 89% complete with 2 to 13 engineers and inspectors assigned as needed. The project as a whole is approxiamtely 80% complete with 68% of the contract time elapsed.

SMP-1599-76(State Projects)
4 Crusher Setups in Flathead, Lake Lincoln, and Mineral Counties
Contract Let - Dec. 17, 1976
Contract Awarded - Dec. 17, 1976
Contract Amount - $113,500.00
Proceed Order - April 18, 1977
Work Started - March 29, 1977

Frank Boroni Construction
Butte, Montana
John Kalien, Lab. Supv. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Tiem - 65 Working Days
Project Completed - June 14, 1977

Final was submitted to Division office August 1, 1977.

M-6714(1) Center St. & 1st Ave. E. Kal.
Length - 0.9 Miles
Contract Let - August 11, 1977
Contract Awarded - August 23, 1977
Contract Amount $939,975.18
Proceed Order - Not Received to Date
Work Not Started

Pack & Company, Inc.
Kalispell, Montana 59901
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 120 Working Days
Prob. Comp. Date - Pending

No work the past weeks by the utility companies. A 5 man field crew spent 3 days running centerline and levels and are presently cross sectioning the project. Montana Power plans to start their revisions approximately September 6, 1977. Northwest Telephone and Pacific Power & Light have not notified the State of their schedule. Construction layout is approximatley 2% complete.

Relocation: Montana 37 - Unit 3A Libby Dam & Lake Koocanusca Project
Length - 2.44 Miles
Contract Awarded - Aug. 3, 1976
Contract Amount - $732,945.00
Proceed Order - Aug. 31, 1976

Bering Straits Const. Co.
(Central Const. Co.)
Seattle, Washington
U.S. Army Corp of Engineers
Libby, Montana 59923
Phone: 293-6621
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time - 360 Working Days
Est/ Comp. Date - Pending

Progress has been poor. Weather conditions had stopped the contractor from priming the roadway. Priming began on August 31, 1977 and the sub-contractor will begin plant mix operations some time after Labor Day. The project as a whole is approximatley 75% complete with one Corp inspector in charge.

Howard A. Stockwell
For James J. Keithley,P.E.
Supv. Div. Const. Section

JJK:HAS:mjb

RECEIVED
SEP 6 1977
CONSTRUCTION BUREAU

Department of Highways

Butte, Montana

September 1, 1977

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending August 30, 1977. The weather has been mild with some rain showers and temperatures ranging from +36° to +93°.

PRECONSTRUCTION

F 8-2(3)
Intersection of 11th Ave. and
Fee St.-Helena
Location Survey
0.00 Miles
Lewis & Clark County

Gerald S.Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

I IG 15-3(13)157
Basin-Boulder
5.49 Miles
Jefferson County

Morrison-Maierle, Inc.
Consulting Engineers
Helena, Montana

Design
Plan-in-hand plans, R/W plans, special provisions and cross sections for the East portion of the project from station 1340 to 1536 were submitted on July 11, 1977. Work is continuing on the west portion of the project and on establishing property lines in the vicinity of the low grade access road near Boulder. Preliminary Bridge layouts for the structures at station 1469+00 and 1527+50 were submitted to the Bridge Bureau on July 15, 1977.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

S 34(4) Section 2 Cont'd.
The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511½ man days expended to date. Line and Levels runs are 100% complete. Cross sections taken are 39% complete and topogrpahy is 40% complete. Project as a whole is 42% complete.

RS 393-1(2)
Basin Creek Road
Design
2.850 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
September 23, 1977

During the period the remainder of the Plan and Profile Linens were traced and checked. Work has begun laying another preliminary grade to avoid waterlines in the area as was discussed in a meeting held in Ken Skoog's office on June 30, 1977. A three man crew worked two man days for a total of 73 man days used to date. The plan and profile linens traced and inked are now 100% complete. Cross sections plotted, topoged and inked are 100% complete. The hardshell drawn and the profile plotted and inked are 100% complete. It is assumed that the plans will be submitted for R/W printing in a few days. Design work for the project remains 12.5% complete.

RS 441-1(1)0
Gregson Road
Design
2.969 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
October 21, 1977

Work for the period consisted of checking the ground line CØGØ and HALØ runs for errors. The profile grade, superelevation data, and the template have been coded and sent to data processing for an earthwork printout. A set of cross sections, a profile, and a copy of the hardshell have been made and will be submitted to the traffic unit along with other pertinent information for a geometric design of parking lot access at Fairmont Hot Springs. R/W and utility prints have been received from Helena. Grade laying and computation is 60% complete and necessary revisions will be made when parking lot access and bridge end elevations have been determined. A three man crew worked 12 man days for a total of 73 man days used to date. Design work for the project is 13% complete.

PRECONSTRUCTION

M 1810(1)
Grand Ave. - Butte
Design
1.3745 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
January 5, 1978

Work for the period consisted of revising the profile for a 4 - lane thouroughfare. A new typical section was received from Helena. The typical section was drawn and quantities computed and checked. The utility plans and R/W plans have been inked and it is assumed that these plans will be submitted to Helena in the near future. A 3 man crew expended 7 man days for a total of 230 man days used to date. The new profile plotted, checked and inked are 100% complete. The utility and R/W plans prepared and inked are 90% complete. Design work remains 15% complete.

M 5807(1)
Neill to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available.

CONSTRUCTION

F FF 8-2(5)46 Unit 1
East Helena East & West
The construction of a dual 276.0 ft. prestressed concrete girder overpass (Over B.N. Inc.)
0.052 Miles
Lewis & Clark County
Contract Let: May 26, 1977
Bid Price: $648,804.88
Work Started: July 6, 1977

Sletten Constr. Co.
Great Falls, Montana
Albert Reather, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 175 Working Days
Probable Completion Date:
July 22, 1978

Work the past period consisted of pouring concrete. The contractor employed 8 men for 12-8 hour shifts. Project as a whole is 17% complete with 30% of the contract time elapsed. Construction layout as a whole is 35% complete with 2 Engineers engaged.

F FF 8-2(5)46 Unit 2
East Helena - East & West
Grading, Agg. Surf., Cem. Treated Base, Lighting and a dual Prestressed Conc. Girder Bridge
7.0 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $4,596,878.30
Work Not Started

Zook Bros. Const. Co.
Great Falls, Mont.
Eugene Campbell, Manager
Field Project
East Helena, Mont. Tel. 227-6924
Contract Time: 200 Working Days
Probable Completion Date:
October 21, 1978

Preconstruction Conference has not been held.

I 15-2(34)103 Unit 4
Divide - North
The construction of a Dual Rest Area, Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95
Work Started: July 21, 1975

Ingram - Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 200 Working Days
Completion Date:
June 24, 1977

Final Inspection and Acceptance is pending. It is estimated that Final Data will be submitted to Helena on December 16, 1977.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville North
Grading, Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 250 Working Days
Probable Completion Date:
November 18, 1977

Work the past period consisted of conducting plant mix operations. The contractor employed 36 men for 13-9 hour shifts. Project as a whole is 70% complete with 63% of the contract time elapsed. Construction layout as a whole is 80% complete with 7 Engineers and 4 Inspectors engaged.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205, & I 90-4(31)207
Nissler - East Butte, Inter., Butte Spur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles
Silver Bow & Deer Lodge Counties
Contract Let: April 25, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Western Sign Corp.,Lewis Const.
Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 150 Working Days
Completion Date:
November 15, 1976

Checking of Final Data is progressing in Division Office. It is estimated that Final Data will be sent to Helena on October 14, 1977.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0 foot prestressed concrete girder overpass (Woodville Interchange), a dual 123.0' Concrete girder overpass (Sawmill Gulch Separation) and a dual 128.0 foot prestressed concrete girder overpass (Trask Interchange)
0.075 Miles
Jefferson County

McEachern Constr. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 230 Working Days
Completion Date:
November 6, 1976

I 15-3(25)134 Unit 2 Cont'd.
Contract Let: Oct. 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

Final Inspection and Acceptance November 30, 1976. It is estimated that Final Data will be sent to Helena November 18, 1977.

I 15-3(26)140 Unit 1
Elk Park South
Grading, Aggregate Surfacing,
Plant Mix Bituminous Base,
Fencing and Signing
Jefferson County
2.4 Miles
Contract Let: August 26, 1976
Bid Price: $1,549,787.98
Work Started: Sept. 14, 1976

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Bill Bork, Manager
Field Project
Butte, Mt. Tel. 494-5706
Contract Time: 150 Working Days
Probable Completion Date:
November 11, 1977

Work the past period consisted of laying gravel. The contractor employed 31 men for 10-9 hour shifts. Project as a whole is 60% complete with 53% of the contract time elapsed. Construction layout as a whole is 90% complete with 3 Engineers and 6 Inspectors engaged.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Constr. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
May 12, 1978

Work the past period consisted of installing historical marker and water fountain. The contractor employed 15 men for 10-8 hour shifts. Project as a whole is 98% complete with 98% of the contract time elapsed. Construction layout as a whole is 100% complete with 1 Inspector engaged.

F 29-1(2)42
Intersection of Main St. & 7th Ave.
& Main St. & 4th Ave. in
Twin Bridges
Traffic Control Devices
0.00 Miles
Madison County
Contract Let: April 28, 1977
Bid Price: $14,539.00
Work Started: August 4, 1977

Western Sign Corporation
Great Falls, Montana
Irvin Broell, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 45 Working Days
Probable Completion Date:
October 21, 1977

No work the past period. Awaiting arrival of material. Project as a whole is 12% complete with 7% of the contract time elapsed. Construction layout as a whole is 100% complete with 1 Inspector engaged.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal & Cover
10.160 Miles
Beaverhead County
Bid Price: $1,609,681.60
Contract Let: June 29, 1976
Work Started: July 26, 1976

Clark Bros. Contractors
Victor, Montana
William Birkenbuel, Manager
Field Project
Wisdom, Mt. Tel. 689-2255
Contract Time: 175 Working Days
Probable Completion Date:
October 14, 1977

Work the past period consisted of laying gravel. The contractor employed 40 men for 10-9 hour shifts. Project as a whole is 81% complete with 75% of the contract time elapsed. Construction layout as a whole is 97% complete with 6 Engineers and 4 Inspectors engaged.

HHS 089-1(001)
Various Intersections U.S. #91
in Dillon
Signing and Flashers
0.00 Miles
Beaverhead County
Contract Let: November 18, 1976
Bid Price: $14,714.84
Work Started: July 20, 1977

S&S Construction
Helena, Montana
Irvin Broell, Manager
Field Project
Butte, Mt. Tel. 494-5706
Contract Time: 30 Working Days
Probable Completion Date:
September 30, 1977

Work the past period consisted of conducting various construction activities. The contractor employed 2 men for 2-10 hour shifts. Project as a whole is 13% complete with 90% of the contract time elapsed. Construction layout as a whole is 90% complete with 1 Inspector engaged.

I IG 90-3(27)172 Unit 1
Garrison East & West (West Section)
The construction of a 590.83' Avg.
length dual composite steel and
concrete girder bridge (Over Burlington
Northern Inc.)
0.1 Miles
Powell County
Contract Let: May 26, 1977
Bid Price: $1,895,384.05
Work Started July 27, 1977

General Const. Co.
Butte, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 280 Working Days
Probable Completion Date:
November 15, 1978

Structures at Sta. 153+05.70: Excavating, driving steel bearing piles, forming, placing and tying Reinforcing Steel, and placed concrete in Bents No. 4 and No. 5 Westbound and Bent No. Eastbound footings. Excavating, and driving steel Bearing Piles in Bent No. 4 footing Eastbound.
Structure Approaches: No work. Percentages complete for the items are as follows: Structure Excavation 41%; Reinforcing Steel 2%; Class AD Concrete 8%; Furnish Steel Bearing Pile 13%; Drive Steel Bearing Pile 13%; Topsoil Salvage and Stockpile 9%. The Contractor worked fourteen (14) eight (8) hour shifts employing an average of six (6) men. The project as a whole is 2.5% complete with 16.1% of the contract time elapsed.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North & South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Constr. Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Warm Springs, Mt. Tel. 693-2242
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Mt. Tel. 693-2242
Contract Time: 260 Working Days
Probable Completion Date:
November 15, 1977

Road
Work the past period consisted of grading operations and installing culverts. Project as a whole is 87% complete with 55% of the contract time elapsed. The contractor employed 31 men for 14-8 hour shifts. Construction layout is 89% complete, there is 8 Engineers and 3 Inspectors engaged on project.
Bridges
Progress during the past period was good. Work consisted of: Sta. 812+05.20 cleaning & spot coating steel bridge rail. Sta. 842+26.32 (W.B.) erecting, aligning, cleaning & spot coating steel bridge rail; cleaning, spot, prime & final coating Span No. 1 structural steel; finishing bents, underside of deck & overhangs; grinding deck at the pour joints & installing elastomertic joints. (E.B.) cleaning & spot steel bridge rail; cleaning, spot, prime & final coating structural steel, all spans; grinding deck at the pour joints; installing elastomeric joints & finishing on Bents. Sta. 1049+68.60 (E.&W.B.) cleaning & spot coating steel bridge rail & finishing underside of deck. Sta. 1150+10.00 (E.&W.B.) cleaning & spot coating steel bridge rail & finishing underside of deck. Br. SubContr. is cleaning up areas at all stations. Percent complete for the items are as follows: Conc. Cl. AD, 97%; Pre-Beams Type A & 4, 100%; Struct. Steel-Item 431001000, 100%; Struct. Steel-Item 431001010, 97%; Struct. Excav.-Type 1, 100%; Test Pile-Item 461020000 & Item 461 020001, 100%; Furn. & Drive T.T. Pile, 100%; Pile-Prebore Holes, 100%; Reinf. Steel, 100%; Br. Rail-Steel Type 5, 95%; Drainage System, 50%; Protective Coat 99% & Elastomeric Expansion Joint, 50%. The structures as a whole are 97% complete. During the past period the bridge subcontr. (McIntyre Constr. Co.) worked 15-8 hr. shifts with 12- men employed plus 2 - Saturdays with 3 men employed. Construction layout is 96% complete with a 3 man engineering crew assigned.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work Started: June 30, 1976

Max J. Kuney Co.
Spokane, Washington
Matt J. Vranish, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Probable Completion Date:
November 18, 1977

Road
Work the past period consisted of laying gravel. The contractor employed 70 men for 22-8 hour shifts. Project as a whole is 65% complete with 77% of the

I IG 90-3(30)176 Cont'd.
Road
contract time elapsed. Construction layout as a whole is 97% complete with 11 Engineers and 4 Inspectors engaged.
Bridges
Junior Grade Separation at Sta. 386+49.1: Cleaning up area.
Beckhill Interchange at Sta. 338+00.00: Forming base deck and outside edge deck and curb Spans No. 1 and No. 2. Placing Structural Steel Girder replacement section A-11 Span No. 1. Cleaning up area. Percentage complete for the items are as follows: Structure Excavation 92%; Reinforcing Steel 48%; Class AD Concrete 68%; Traffic Control 51% Mobilization 60%; Structural Steel 93%; All Piling 100%. The contractor worked fifteen (15) eight (8) hour shifts employing an average of four (4) men on the structures. The structural section of the project is 74% complete.

I 90-3(40)193 &
I IG 90-4(27)194
Surfacing of Racetrack-North
and Warm Springs North & South
Aggreagte Surfacing, Plant Mix
Surfacing and Signing
12.2 Miles
Powell & Deer Lodge Counties
Contract Let: August 11, 1977
Bid Price: $2,582,114.30
Work Not Started

Hilde Const. Co. Inc.
Great Falls, Montana
John T. McGeever, Manager
Field Project
Warm Springs, Mont. Tel. 693-2242
Contract Time: 180 Working Days
Probable Completion Date:
October 13, 1978

Preconstruction Conference has not been held.

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project I IG 90-4(26)194 U2 and the construction of a 121.5' prestressed concrete girder bridge on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: November 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Warm Springs, Mt. Tel. 693-2276
Contract Time: 220 Working Days
Probable Completion Date:
October 21, 1977

This project is now complete with the exception of the seeding; which will be accomplished after Oct. 15, 1977.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Work Started: December 17, 1975
Bid Price: $2,060,160.58

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 200 Working Days
Completion Date:
January 14, 1977

RF 171(17) & RS 167(10) Cont'd.
Final Data is in Division Office and checking will commence when time permits. It is estimated that Final Data will be sent to Helena on November 18, 1977.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
4.1 Miles
Lewis & Clark County
Contract Let: Dec. 16, 1976
Bid Price: $2,865,627.44
Work Started: Jan. 24, 1977

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
August 31, 1978

Work the past period consisted of grading operations and laying culverts. The contractor employed 26 men for 10-9 hour shifts. Project as a whole is 32% complete with 37% of the contract time elapsed. Construction layout as a whole is 85% complete with 6 Engineers and 2 Inspectors engaged.

HHS 261(15)
Racetrack Overpass
Pl. Mix Bit. Overlay and
Guard Rail Installation
0.00 Miles
Deer Lodge County
Contract Let: October 28, 1976
Bid Price: $138,895.50
Work Started: May 10, 1977

Jim Gilman, Excavating Co.
Butte, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 30 Working Days
Completion Date:
June 28, 1977

Final Inspection and Acceptance July 6, 1977. It is estimated that Final Data will be sent to Helena on December 9, 1977.

M 0299(3)
Anaconda Urban System
Grading, Pl. Mix Bit. Base,
Pl. Mix Bit. Surf. and Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $996,307.40
Work Started: July 7, 1977

Zook Bros. Const. Co.
Great Falls, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 120 Working Days
Probable Completion Date:
November 30, 1977

Work the past period consisted of installing drop inlets and curb and gutter, removing and excavating street. The contractor employed 68 men for 14-8 hour shifts. Project as a whole is 13% complete with 50% of the contract time elapsed. Construction layout as a whole is 100% complete with 5 Engineers and 3 Inspectors engaged.

FF 401(3)
Intersection of Montana Ave. and Billings Ave. in Helena
Signalization
0.00 Miles
Lewis & Clark County
Contract Let: August 26, 1976
Bid Price: $27,859.23
Work Started: October 7, 1976

S&S Construction
Helena, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 45 Working Days
Completion Date:
August 2, 1977

Final Inspection and Acceptance August 19, 1977. It is estimated that Final Data will be sent to Helena on January 6, 1978.

SMP 0499-77 (State Optioned)
Maintenance Crushing
Broadwater, Beaverhead and Gallatin Counties
Contract Let: February 24, 1977
Bid Price: $119,000.00
Work Started: March 23, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Russell R. Yarnall, Materials Supervisor III
Butte, Mt. Tel. 494-3666
Contract Time: 65 Working Days
Probable Completion Date:
October 28, 1977

This project is complete, but final inspection will await the seeding of the pit areas, which will not be able to be accomplished until after October 15, 1977.

M 1803(2)
Harrison Ave. and Amherst St.-Butte
Signal Modification, Signing and Channelization
0.00 Miles
Silver Bow County
Contract Let: June 28, 1976
Bid Price: $30,854.50
Work Started: October 12, 1976

Western Sign Corp.
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 45 Working Days
Probable Completion Date:
September 23, 1977

This project is now complete with the exception of Opticom Components that are presently on order from the factory.

M 1803(4)
Harrison Ave.-Butte
Pl. Mix Bit. Overlay, Curbs, Traffic Signals, Signing, Sidewalks and Beautification
0.3 Miles
Silver Bow County
Contract Let: May 26, 1977
Bid Price: $320,447.19
Work Started: July 19, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 90 Working Days
Probable Completion Date:
November 18, 1977

Work the past period consisted of conducting various construction activities. The contractor employed 10 men for 14-8 hour shifts. Project as a whole is 19% complete with 46% of the contract time elapsed. Construction layout as a whole is 50% complete with 3 Engineers and 2 Inspectors engaged.

M 1804(2)
West Park St.-Butte
Butte-Brown's Gulch Road
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Signing, Lighting & Traffic Signals
0.5 Miles
Silver Bow County
Contract Let: January 27, 1977
Bid Price: $525,301.20
Work Started: March 15, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Joseph Bettle, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 130 Working Days
Probable Completion Date:
November 18, 1977

Work the past period consisted of conducting plant mix operations. The contractor employed 14 men for 4-8 hour shifts. Project as a whole is 77% complete with 60% of the contract time elapsed. Construction layout as a whole is 100% complete with 5 Engineers and 2 Inspectors engaged.

ROS 4144(52)Unit 6
Bridge End Protection-Bridge
over Missouri Near Townsend
Bridge End Guardrail and
Impact Attenuator
0.4 Miles
Broadwater County
Contract Let: June 23, 1977
Bid Price: $37,164.00
Work Not Started

Western Sign Corporation
Great Falls, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
October 28, 1977

Preconstruction Conference was held July 11, 1977.

ROS 4144(52)Unit 11
Bridge End Protection - Bridge over
Missouri River & B.N.R.R.
Overpass Near Toston
Bridge End Guard Rail and
Shoulder Widening
0.596 Miles
Broadwater County
Contract Let: April 28, 1977
Bid Price: $63,630.50
Work Started: June 14, 1977

Western Sign Corporation
Great Falls, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Completion Date:
July 28, 1977

Final Inspection and Acceptance is pending. It is estimated that Final Data will be submitted to Helena on November 30, 1977.

M 5805(1)
Signal Modification of various
Intersection in the City of Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 27, 1976
Bid Price: $25,327.50
Work Started: April 29, 1977

Skinner Enterprises
Helena, Montana
Gerald Ditto, Manger
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Completion Date:
July 22, 1977

M 5805(1) Cont'd.
Final Inspection and Acceptance is pending. It is estimated that Final Data will be sent to Helena on January 20, 1978.

M 5816(3)
Broadway - Helena
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Sidewalks and related Items
0.9 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $477,717.13
Work Not Started

Dugdale Const. Co. Inc.
Butte, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 110 Working Days
Probable Completion Date:
May 19, 1978

Preconstruction Conference was held August 24, 1977.

for Richard B. Dundas, P.E. Superisor
Division Construction Section-Butte

RBD/GBH/MJJ/cu

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CONSTRUCTION BUREAU

Box 1110
Bozeman, Montana 59715

September 2, 1977

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the three-week period ending September 2, 1977:

PRECONSTRUCTION

I-000B (2) & F 000B (1)
Revegetation & Erosion Control Design
Completed August 18, 1977 (Boz. Div.)

L. O. Williams, Designer II
Phone: 586-9562 Bozeman

Plans, Special Provisions and Cost Estimates were submitted to the Preconstruction Bureau on August 18, 1977. As field design of this project is now complete, this will be a final report from the Bozeman Division.

F 11-1(1) 54
Park Street - Livingston
Length - 1.6 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

A design public hearing was held in Livingston on July 28, 1977.

F 13-1(3) 24
8 Mi. South of Cameron - South
Length - 10 Miles

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

F 13-1(4) 56
Norris Hill
Length - 9.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Completion Date: April 1978

The survey crew was transferred off this location survey on April 25, 1977 and there has been no work since that date. The location survey remains approximately 42% complete.

F 29-1 (5) 16
Virginia City Hill
Length - 0.9 Mile

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

FH 42-3(2)
Slide Near Karst-Gallatin Canyon

Roger E. Blossom, PE, FPM
Phone: 995-4521 Big Sky

All information requested from the field has been transmitted to Helena.

F 45-1(1) 15
Big Timber- North
Length-11.4 Miles

Engineer Unassigned

This project is scheduled to be let on September 29, 1977.

HHS 50-2(3) 81
Int. of FAP 50, 84 & 85

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

The location survey has not been started to date.

F 50-2(4) 79
Bozeman - West
Approximate Length - 9 Miles

Engineer Unassigned

An informational public hearing was held in Bozeman on July 27, 1977.

ROS 50-2(5) 56
US 191 Gallatin Canyon Safety
Partial Survey for Safety Upgrade

Roger E. Blossom, PE, FPM
Phone: 995-4521 Big Sky

The final plan-in-hand for this project was held August 9, 1977.

F 59-1(2) 7
Clyde Park - North & South
Length - 6.7 Miles

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

F 59-1(3) 14
Clyde Park - North
Length - 6.2 Miles

Engineer Unassigned

A plan-in-hand review for the structure at Station 485+03 was held on August 16, 1977.

F 64-1(2) 0
US 191 Spur
Approximate Length - 6.7 Miles

Roger E. Blossom, PE, FPM
Phone: 995-4521 Big Sky
Estimated Completion Date: November 1977

The Mylar, cross-sections and profile have been transmitted to Helena and the hydraulic situation surveys will be completed as men are available from Big Sky paving project.

HHS 86-1(2) 1
Int. of FAP 86 & FAS 536

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Completion Date: Sept. 30, 1977

Between a two and four-man crew have been working on this location survey. Cross-sectioning is 95% complete, And the topography is 98% complete. Plotting of the hard shell is 90% complete, Plotting of the profile sheet is 50% complete. The location as a whole is 80% complete.

F 86-1(3) 23
Park Co. Line - South
Length - 8.1 Miles

Engineer Unassigned

All information requested from the field has been submitted to Helena.

F 86-1(4) 18
8 Miles South of Park Co. Line-South
Length - 6.0 Miles

Engineer Unassigned

All requested information has been submitted to Helena.

F 86-1(5) 3
Bridger Canyon
Length - 1.8 Miles

Engineer Unassigned

All information requested from the field to date has been submitted to Helena.

IR 90-6 ( )
Rocky Canyon (PMS Overlay)
Length - 5.3 Miles

Engineer Unassigned

No information has been requested from the field.

I 90-6 ( ) 315
Bozeman Pass - West, Rest Area

Engineer Unassigned

No information has been requested from the field to date.

I 90-7 (17) 350
Springdale - Big Timber
Length - 13.477 Miles

Engineer Unassigned

All work requested to date has been completed.

I 90-7 (21) 339
Springdale - West
Length - 9.2 Miles

Engineer Unassigned

All requested work has been completed.

I 90-7 (35) 364 U-1
Big Timber - Greycliff
Str. at Sta 1792+20

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

This project is presently scheduled to be let on September 29, 1977.

I 90-7 (35) 364 U-2
Big Timber - Greycliff
Length - 10.5 Miles

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All requested field work has been completed.

I 90-7 (36) 321 U-2
Bozeman Pass - East
Rest Area & Sand House

Engineer Unassigned

No information has been requested from the field to date.

I 90-7 (40) 332
Snow Fence
Approx. Length - 5.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All data collected over the winter months has been transmitted to Helena.

I 90-7 (41) 375
Greycliff-East
Access Road (Prairie Dog Town)
Length - 0.440 Mile

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All requested work has been completed.

F 91-1 (1) 0
Big Timber - E & W
Signs, Traffic Control Devices

Engineer Unassigned

A plan-in- hand inspection was held on August 2, 1977.

HHS 205-1 (1) 28
North of Bozeman
Guardrail - B.N. Overpass

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

There was no work on this survey during the past period.

RS 290-1 (1) 8
9 Mi. North of Belgrade-North
Length - 8.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

This survey has not been started.

S 487-1(1) 0
Big Timber-North & East
Approx. Length - 9.0 Miles
Design Started: 6-13-77
Estimated Completion 1979

Larry O. Williams, Designer II
Phone: 586-9562 Bozeman

There was no work on the design of this project during the past three weeks.

RS 563-1(0)
Springdale - Hunter's Hot Springs
Length - 2.0 Miles
Design Started: 5-2-77
Estimated Completion 1978

Larry O. Williams, Designer II
Phone: 586-9562 Bozeman

All original groundline sections have been plotted, and the design planning report has been prepared and submitted to the Preconstruction Bureau. Field design of this project is 20% complete.

M 1201 (1)
North 19th - Bozeman
Design
Approx. Length - 0.4 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

A public hearing was held on August 4, 1977.

M 1202 (1)
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

Engineer Unassigned

All information requested to date has been transmitted to Helena.

M 1212 (1)
Kagy Lane - Bozeman
Design
Approx. Length - 1.1 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

A public hearing was held on August 3, 1977.

SRS 4148 (52) Engineer Unassigned
Bn, Inc. Signals - Off-System
Oregon St. - Belgrade
Northwest of Springdale

All requested information has been submitted to Helena.

M 7403 (1) Morrison-Maierle, Inc.
5th St., Park to Front- Livingston
Design
Approx. Length - 0.1 Mile

A field location review was held on August 18, 1977. A proposed progress schedule is being developed and work was started on the final design plan.

M 7404 (1) Morrison-Maierle, Inc.
Front St., from Main to Cemetery-Livingston
Design
Approx. Length - 0.9 Mile

A field location review was held on August 18, 1977.

M 7406 (1) Morrison-Maierle, Inc.
Main, Chinook & Gallatin-Livingston
Design
Approx. Length - 1.3 Mile

A field location review was held on August 18, 1977. The field survey was scheduled to begin on August 29, and soils testing on August 30.

M 7412 (1) Morrison-Maierle, Inc.
Ninth St., Geyser St. to Bridge End-Livingston
Design
Approximate Length - 0.3 Mile

A field location review was held on August 18, 1977, and a proposed progress schedule is being developed.

M 7412 (2) Morrison-Maierle, Inc.
River Drive, From Ninth St. East- Livingston
Design
Approximate Length - 0.2 Mile

A field location review was held on August 18, 1977, and a proposed progress schedule is being developed.

C O N S T R U C T I O N

F 50-2(1)88
Signals
Intersection of Main & 5th - Bozeman
Contract Awarded: 7-29-77
Contract Amount: $30,236.00
Proceed Order Date: 8-19-77
Work Not Started

Midland Electric Co.
Billings, MT
William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Contract time: 40 Working Days
Probable Completion Date: ?

No word has been received from the contractor regarding a preconstruction conference.

F 64-1(1) 0 US 191 Big Sky Spur
Gravel Surf., Plant Mix Surf.
Length - 3.0 Miles
Contract Awarded: 5-2-77
Contract Amount: $383,968.57
Proceed Order Date: 5-23-77
Work Started: 6-16-77

Zook Brothers Construction Co.
Great Falls, MT
Roger E. Blossom, PE, FPM
Phone: 995-4521 Big Sky
Contract Time - 60 Working Days
Probable Completion Date: 9-23-77

There has been no work on the project since August 10. The contractor plans to bring in the hot plant about September 12. The four-man engineering crew is currently assigned to this project, which is 25% complete, with 77% of the contract time elapsed. The contractor has 15 days working days of contract time remaining.

F 86-1(1) 0
Rouse Avenue & Lamme St. Intersection-Bozeman
Bouncing Ball Flasher

Maintenance Forces

Installation of the bouncing ball flasher will be handled by maintenance forces.

I 90-6 (30) 309, I 90-6(36) 315 U-2
I 90-7 (38) 318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East (West Section)
Grade, Agg. Surf., Pl. Mix Base, Structures
Length - 7.1 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,688.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: 1978

Progress has been fair with the contractor employing 105 men and working twelve 8-hour shifts. The contractor has been removing material from the cut between Sta 290 and 305 and and placing this in the fill area between Sta 167 to 190. Material from the cut between Sta 128 to 130 was placed in the fill at Sta. 179 to 183 W.B.. A rock knob in the frontage road at Sta 163 is being removed by force account methods. 280,000 cubic yards of unclassified excavation was accomplished during the past period, bringing this item to 89% complete.

94,000.00 cubic yards of unclassified excavation from the "NO BLASTING " area was also accomplished. Bringing this item to 76% complete. Finishing work is in progress throughout the project. Top soil is placed between Sta 90 and 110 left, 181 to 188 left and right, and between Sta 276 and 296 right. 94' of 24" culvert and 880 feet of 8" underdrain was installed, and the sub-contractors, Bozeman Sand & Gravel started hauling 3" surfacing to the roadway on August 24, 1977. A 24-man engineering crew is currently assigned to this project, which is 54% complete, with 56% of the contract time elapsed. The contractor has 135 working days of contract time remaining.

I 90-7 (36) 321 U-1
Bozeman Pass - East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf. Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, MT
George A. Sitton, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 11-1-77

Progress has been fair with the contractor employing between 25 and 30 men and working twelve 10-hour shifts. The contractor continued hauling 1½" surfacing to the E.B. roadway between Sta 455 and 550, and also between Sta 380 and 420. 31,000 tons of 1½" crushed surfacing was placed bringing this item to 94% complete. The paving sub-contractor, Empire Sand & Gravel, completed paving of W.B. lane on August 31. The first lift of paving on the E.B. lane has been completed between Sta 330 and 361. 26,000 ton of plant mix base was placed bringing this item to 47% complete. A fifteen-man engineering crew is currently assigned to this project, which is 85% complete with 82% of the contract time lapsed. The contractor has 48 working days of contract time remaining.

Respectfully,

Richard C. Holmes, PE., Supervisor
Division Construction Section - Bozeman

RCH:EJR:bc
cc: Bozeman Division Office
Bozeman Lab

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
SEPTEMBER 6, 1977

RECEIVED
SEP 6 1977
CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period August 16, 1977 thru September 6, 1977.

GENERAL

Weather has been clear to overcast with temperatures ranging from 45° to 85° with some rain at times causing some temporary work stoppage.

PRE-CONSTRUCTION

RF 25 (2) - Great Falls, Airport Access Road
Length: 0.7 miles - Cascade County
Design Started: June 2, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1977

No work during this reporting period. Design remains 46% complete.

F 60-2 (03) - Great Falls East
F 64 (15)
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June 30, 1978

Three men worked 27 man-days Preparing Plan and Profile Linens, Plotting Ground Line. Design is 20% complete.

RS 220-1 (2) - Farmington - North
Length: 8.5 miles
Design Started: June 21, 1971

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 30, 1977

One man worked 5 man-days making P.I.H. changes. Design is 68% complete.

RS 220-1 (2) - Agawam - North
Length: 3.6 miles
Design Started: June 21, 1971

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 30, 1977

One man worked 5 man-days making P.I.H. changes. Design is 65% complete.

Department of Highways

September 6, 1977

RF 3-2 (05)
RF 236 (8) - Dupuyer No. & So.
Teton & Pondera Counties
Location Survey
Length: 20± miles
Survey Started: Feb. 16, 1977

Tom Hammerbacker - Mgr. F.P.U.
Conrad - Phone #278-5412
Prob. Comp. Date: Oct. 1977

No progress during this reporting period. Survey remains 30% complete with 283 man-days used to date. Assigned crew engaged in other assignments.

RF 9-1 (01)
RF 238 (13) - Bowman's Corner - Augusta
Location Survey
Length: 14.8 miles
Survey Started: December 27, 1976

David Kelly - Civil Eng. I
Great Falls - Phone #452-2361
Prob. Comp. Date: Sept. 30, 1977

11 man-days were used during this period Plotting Hardshell. Survey is 89% complete with 722 man-days used to date.

RS 228-2 (03)
RS 348 (18) - 5 miles South of Fort Benton - South
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson - Mgr. F.P.U.
Great Falls - Phone #453-2573

Chouteau County Commissioners have removed this project from priority. Further work is in a hold pattern.

BRS 330-1 (2) - Missouri River Bridge - Ulm
Cascade County
Location Survey
Length: 0.614 miles
Survey Started: July 7, 1977

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: Oct. 15, 1977

No progress during this reporting period. Survey remains 52% complete with 66 man-days used to date. Assigned crew engaged in other assignments.

M 5201 (2) - 6th Street N.W.
Great Falls - Cascade County
Location Survey
Length: 0.581 miles
Survey Started: May 24, 1977

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: Sept. 15, 1977

Survey remains 80% complete with 185 man-days used to date. No progress during this reporting period. Assigned crew engaged in other assignments.

Department of Highways

September 6, 1977

M 5203 (1) - 3rd St. To Central Ave. West
Great Falls - Cascade County
Location Survey
Length: 0.5 miles
Survey Started: April 11, 1977

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: Sept. 15, 1977

14 man-days used Plotting Hardshell. Survey is 86.5% complete with 126 man-days used to date.

CONSTRUCTION

I 15-3(28) 168 & I 15-4(48) 182
Traffic Control Devices & Guard Rail Revisions
Jefferson & Lewis & Clark Counties
Contract Awarded: JUne 30, 1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90

Apex Construction Company, Contractor
P. O. Box 11306
Spokane, Washington 99211
Walt Smith - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Prob. Comp. Date: Oct. 25, 1977

No contract time will be assessed from August 9, 1977 until seeding date of October 15, 1977. The project as a whole is 99.9% complete with 96% of the contract time elapsed. Construction layout is 99% complete with a 3 man engineering crew engaged in preparing final estimate and supporting data.

I 15-5(64) 238 U-1 - Hardy Crk. Ramps
I 15-5(50) 239 U-1 - Cascade N.& S. (N.Sect.)
Add 2 Lanes
Cascade County
Length: 2.9 miles
Contract Awarded: Feb. 28, 1977
FHWA Concurrence: Feb. 28, 1977
Contract Amount: $459,725.41

Hilde Construction Company
P. O. Box 2287
Great Falls, Montana 59403
D.D. Moore - Mgr. F.P.U.
Harry Strong - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 100 Working Days
Prob. Comp. Date: Oct. 28, 1977

Progress has been good. Hauling and placing 1½" C.B.S. on Frontage Road. Hauling and placing 3" C.B.S., 1½" C.B.S. and 3/4 C.T.S. on the Hardy Interchange. Finishing to bluetops and placing topsoil on both projects. Items and percent complete are: Uncl. Exc., 93%; Topsoil, 75%; 3" C.B.S., 100%; 1½" C.B.S., 100% and 3/4" C.T.S., 100%. The project as a whole is 80% complete with 76% of the contract time elapsed. Construction layout is 95% complete with a 4 man engineering crew engaged in layout, inspection and bluetopping.

I 15-5(50) 239 U-2
Cascade North & South
1 Structure & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: January 27, 1977
FHWA Concurrence: January 31, 1977
Work Started: February 24, 1977
Amount of Contract: $188,651.79

Cop Construction Company
P. O. Box 1938
Billings, Montana 59103
K. Minehan - Mgr. F.P.U. (Structure)
D.D. Moore - Mgr. F.P.U. (Approaches)
Harry Strong - Mgr. F.P.U. (Approaches)
Cascade - Phone #468-2801
Comp. Time: 110 Working Days
Prob. Comp. Date: Sept. 16, 1977

Progress has been fair. Contractor is grinding the deck, finishing concrete and general cleanup. The structure is 97% complete with 70% of the contract time elapsed. Construction layout is 100% complete with a 2 man engineering crew engaged in testing and inspection.
Approaches - No work during this reporting period. The approaches are 90% complete with 61% of the contract time elapsed. Construction layout is 100% complete with assigned engineering crew engaged in other projects.

I 15-5(50) 239 U-3
Cascade North & South
3 Structures & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $741,639.13
Work Started: August 19, 1976

Cop Construction Company
P.O. Box 1938
Billings, Montana 59103
K. Minehan - Mgr. F.P.U. (Structures)
D.D. Moore - Mgr. F.P.U. (Approaches)
Harry Strong - Mgr. F.P.U. (Approaches)
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Prob. Comp. Date: October 21, 1977

Structures - Progress has been fair. Structure 1842: Deck grinding has been finished. Deck has not been sealed with linseed oil, protective coat. Bridge rail has been spot painted. Contractor has completed most items on punch list. Structure is 97% complete. Structure 2095: Deck grinding has been finished. Deck has to be sealed yet. Bridge rail has been adjusted, needs to be spot painted and field coats applied. Structure is 97% complete. Contractor finishing up items on punch list. Structure 301: Deck grinding has been finished. Patching of deck is in progress. Guardrail has been set and adjusted, needs to be painted, spot and field coats. Contractor working on items on punch list. Structure is 97% complete. The structures as a whole are 97% complete with 87% of the contract time elapsed. Construction layout is 100% complete with a 2 man engineering crew engaged in inspection and testing.
Approaches - Progress has been fair. Hauling and laying 3/4" C.T.S. from stockpile. Removing temporary detour. Finishing to bluetops. Placing topsoil and cleanup work. Western Sign sub-contractor installed Guardrail. Traffic began using structure and approaches August 18, 1977. Items and percent complete are: 3/4" C.T.S., 92%; Guardrail 99%; Uncl. Exc. 95% and Topsoil, 80%. The approaches are 90% complete with 80% of the contract time elapsed. Construction layout is 100% complete with a 2 man engineering crew engaged in inspection and testing.

I 15-5(50) 239 U-4
Cascade North & South (South Sect.)
2 Structures & Add 2 Lanes
Cascade County
Length: 11.4 miles
Contract Awarded: August 15, 1977
FHWA Concurrence: August 15, 1977
Amount of Contract: $2,662,646.97
Work Started: August 29, 1977

Rehbein Contracting Inc.
P.O. Box 339
Plains, Montana 59859
K. Minehan - Mgr. F.P.U. (Structures)
D.D. Moore - Mgr. F.P.U. (Roadway)
Harry Strong - Mgr. F.P.U. (Roadway)
Cascade - Phone #468-2801
Comp. Time: 160 Working Days
Prob. Comp. Date: August 30, 1978

Structures: No work has been done on structures. Sub-contractor Sletten Construction plans to begin operations on approximately Sept. 12, 1977. A two man engineering crew is checking plans and notes.

Roadway: Contractor began removing and resetting fence. No other work.
A fourteen man engineering crew is Staking Centerline, Slope Staking and Staking Culverts. Construction layout is 60% complete.

BRF - TQX 218 (18)
Repair Fire Damage (10-14-75)
S.B. Bridge - Sun River - Great Falls
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $329,654.68
Work Started: August 20, 1976

Frontier Construction Company
P. O. Box 1242
Missoula, Montana 59801
T. Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 130 Working Days
Comp. Date: August 10, 1977

This project was completed August 10, 1977, Final and Supporting Data has been submitted to the division office for checking.

I 15-6(20) 304 - Teton River - N.& S.(S.Sect.)
4.3 miles - Grading, Surfacing & Structures
Teton County
Contract Awarded: March 2, 1976
Contract Amount: $4,028,676.22
Work Started: April 1, 1976

Hilde & Maronick Const. Co. (Jv) Contr.
East Helena, Montana
S. Newton - Mgr. F.P.U. (Road)
K. Minehan - Mgr. F.P.U. (Structures)
Brady - Phone #753-2581
Comp. Time: 275 Working Days
Prob. Comp. Date: Oct. 17, 1977

Roadway: Seeding remains to be completed. The project as a whole is 99% complete with 61% of the contract time elapsed. Construction layout is 99% complete with a 3-4 man engineering crew engaged in preparing Final Data.
Structures: Final Estimate and Supporting Data was submitted to Division office on September 1, 1977.

I 15-6(21) 304 - Teton River - N.& S.(S.Sect.)
Dual Rest Area, Lighting & Related Items
Teton County
Contract Awarded: April 5, 1977
Contract Amount: $323,589.40

Sletten Construction Company
Great Falls, Montana
S. Newton - Mgr. F.P.U.
Brady - Phone #753-2581
Comp. Time: 175 Working Days
Prob. Comp. Date: June 30, 1978

N.B. Comfort Station: Masonry work 80% complete. S.B. Comfort Station is complete through masonry and roof is 80% complete. Sidewalks, planter boxes and miscellanous concrete slabs are 99% complete for S.B. and 75% complete for N.B. Work in progress includes sidewalks etc. for N.B. masonry work N.B. Comfort Station, roof for S.B. Comfort Station, installing and wiring area lighting and erecting picnic arbors. Items and percent complete are: Concrete Sidewalk, 80%; Conc. Exposed Agg., 75%; Pet Areas, 90%; Comfort Stations, 56%; Sewer Systems, 95%; Water Systems, 35% and Area Lighting, 50%. The project as a whole is 56% complete with 40% of the contract time elapsed. Construction layout is 50% complete with a 1-2 man engineering crew engaged in layout, inspection and testing.

I 15-6(16) 308 - Teton River - N.& S.(N.Sect.)
2.8 miles, Gr.; Aggr. Surf.; Pl. Mix Bit. Base
Pl. Mix Bit. Surf.; Signing;
Prestressed Conc. Grider Gr. Separation
Teton County
Contract Awarded: July 28, 1975
Contract Amount: $2,070,763.97
Work Started: September 9, 1975

Hilde & Maronick Construction Co., (Jv)
East Helena, Montana 59601
S. Newton - Mgr. F.P.U. (Road)
K. Minehan - Mgr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 180 Working Days
Prob. Comp. Date: Oct. 17, 1977

No work during this reporting period, all items complete except seeding. The project as a whole is 99% complete with 99% of the contract time elapsed. Construction layout is 99% complete with a 3-4 man engineering crew engaged in preparing Final Estimate and Supporting Data.

I 15-6(14) 311 & I 15-7(11) 312
Pershing South and Brady - No. & So.
11.5 miles Gr., Aggr. Surf., Pl. Mix Bit.
Base, Pl. Mix Bit. Surf., Lengthen 2
Add 2 Lanes - Teton & Pondera Counties
Contract Awarded: June 5, 1975
Contract Amount: $3,754,385.95
Work Started: July 16, 1975

Hilde & Maronick Const. Co.(Jv) Contr.
East Helena, Montana
S. Newton - Mgr. F.P.U. (Road)
K. Minehan - Mgr.F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 240 Working Days
Completion Date: May 25, 1977

The project was completed May 25, 1977. Final estimate was submitted to Division office on July 13, 1977 and will be forwarded to Helena headquarters on or about September 9, 1977.

I 15-7(18) 330
E. Frtg. Road - Valier Jct. No. & So.
Pondera County
13.84 miles, Grading, Agg. Surf.,
Pl. Mix Bit Base, Seal and Cover
Contract Awarded: Nov. 3, 1976
Contract Amount: $1,219,920.50

McIntyre Const. Co. & S. Birch Inc.
Great Falls, Montana
Tom Hammerbacker - Mgr. F.P.U.
Conrad - Phone #278-5412
Comp. Time: 140 Working Days
Prob. Comp. Date:

Progress has been good. Contractor completed Chip & Seal operations. Items and percent complete are: Traffic Control, 99%; Emulsified Asphalt CRS-2, 100% and Cover Material ½" Gr.3, 100%. The project as a whole is 89% complete with 70% of the contract time elapsed. Construction layout is 97% complete with a 7 man engineering crew engaged in layout, inspection and testing.

BRF 9-2 (3) 63
Teton River Bridge - South of Choteau
Teton County
Contract Awarded: August 15, 1977
Amount of Contract: $447,638.98

Frontier West, Inc.
P. O. Box 8242
Missoula, Montana 59801
Don Harrison - Mgr. F.P.U.
Choteau - Phone
Comp. Time: 130 Working Days
Prob. Comp. Date: May 1978

A PRe-construction Conference is scheduled for September 9, 1977.

Department of Highways

September 6, 1977

TQS 228-1 (3) 0
Great Falls - Highwood
Cascade County
13.7 miles, Pl. Mix Overlay & Seal & Cover
Contract Awarded: July 29, 1977
Contract Amount: $1,087,497.70

Hilde Construction Company, Inc.
P. O. Box 2287, Gt. Falls, Montana
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 140 Working Days
Comp. Date: August 1978

A Pre-construction Conference is scheduled to be held on Tuesday September 6, 1977.

RS 365-1 (1) - Brady Street
Teton County
0.371 miles, Pl. Mix Overlay
Contract Awarded: May 10, 1977
Contract Amount: $47,994.50
Work Started: June 7, 1977

Hilde Construction Company
P. O. Box 2287, Gt. Falls, Montana
Stan Newton - Mgr. F.P.U.
Brady - Phone #753-2581
Comp. Time: 45 Working Days
Comp. Date: June 23, 1977

Final Estimate submitted to Helena on August 19, 1977.

RS 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Graveling & Surfacing
Contract Amount: $877,194.60
Contract Awarded: June 30, 1976

Hilde Construction Company, Inc.
P. O. Box 2287, Gt. Falls, Montana
Tom Hammerbacker - Mgr. F.P.U.
P. O. Box 1301, Conrad, Montana
Comp. Time: 110 Working Days
Comp. Date: July 8, 1977

Project is now 100% complete with 93% of the contract time elapsed. Engineering crew compiling final data and other assigned projects.

ROS 4144 (52) U-7
6th St. S.W. Underpass - Gt. Falls
Cascade County
Contract Awarded: May 2, 1977
Contract Amount: $19,167.50

Rehbein Contracting, Inc.
P. O. Box 339, Plains, Montana
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 30 Working Days
Comp. Date: JUne 14, 1977

Project completed June 14, 1977, using 33% of the contract time. Final Estimate submitted to Division office on August 11, 1977.

ROS 4144 (52) U-8
Warden Brdg. - 2nd St. Approach to 10th Ave.So.
Great Falls - Cascade County
Contract Awarded: May 2, 1977
Contract Amount: $12,547.00

Western Sign Corp.
P. O.Box 2669, Gt. Falls, Montana
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 30 Working Days
Comp. Date: June 13, 1977

Project completed June 13, 1977, using 30% of the contract time. Final Estimate submitted to Division office August 11, 1977.

M 5201 (5) U-2
Structure on 6th St. S.W. - Gt. Falls
Cascade County
Contract Awarded: May 31, 1977
Amount of Contract: $2,008,232.79

Sletten Construction Company
P. O. Box 2467
Great Falls, Montana 59403
T. Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 300 Working Days
Prob. Comp. Date: August 30, 1978

Progress was fair. Work is centered at Pier No. 4 with the sheets now down to grade and excavating and lowering of the ring in progress. The shortened work bridge is now to the south bank. The Test Piles, nose angles and some reinforcing steel is stored on the project. The sub-contractor has removed and stockpiled the top soil from the south side of the river. The placing of the south berm is planned this week as is the driving of Test Piles at Pier No. 4. The contractor plans to continue working 2 shifts per day on the sub-structure units. Items and percent complete are: Shoring & Cribs, 20% and Structure Excavation, 38%. The project as a whole is 4% complete with 16% of the contract time elapsed. Construction layout is 50% complete with a 3 man engineering crew engaged in layout, inspection and testing.

M 5217 (2)
Traffic Control Devices
10th Ave. So. at 25th and 26th St. - Gt. Falls
Cascade County
Contract Awarded: June 27, 1977
Amount of Contract: $60,924.25

Cascade Electric Company
903 10th Ave. North, Gt. Falls, Montana
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: December 30, 1977

Notice to proceed isssued July 18, 1977. Project suspended until arrival signal poles which is anticipated to be around October 15, 1977. Because of the nature of the contract contractor anticipats the least disruption to traffic by delaying start of work until just prior to arrival of signal poles. The project as a whole is 0% complete with 0% of the contract time elapsed. Construction layout is 90% complete with the engineering crew assigned now engaged in other projects.

SMP 5099-77
Maintenance
Cascade, Chouteau, Lewis & Clark
And Teton Counties
Contract Awarded: Feb. 28, 1977
Contract Amount: $195,450.00

Mortensen Construction Company
P. O. Box 1626
Great Falls, Montana 59403
Glen Enderson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 100 Working Days
Prob. Comp. Date: Oct. 20, 1977

Department of Highways September 6, 1977

Progress has been fair. The contractor began producing and stockpiling ½" C.T.S. in Pit #0750-53 (Cascade County) on August 12, 1977. It is anticipated that this pile will be completed on or about Sept. 1, 1977. The project will be complete except for seeding of the pits. Items and percent complete are: Mobilization, 100%; Haul Aggregate, 99% and Stk. Top Surf. Gr. 4A, 99%. The project as a whole is 99% complete with 99% of the contract time elapsed, with a 2 man engineering crew engaged in inspection and testing.

Carl H. Swanson for
James T. Sullivan - P.E. - Supvr.
Division Construction Section

JTS/NM/ac

Progress Report

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

September 2, 1977

RECEIVED
SEP 6 1977
CONSTRUCTION BUREAU

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending September 2, 1977.

GENERAL

The weather this past reporting period has been generally favorable with some rain showers. The temperatures ranged from 35° to 86°.

PRECONSTRUCTION

M 5709(1) - 13th St. to 5th Ave. - Havre
Hospital Access Street
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Location survey work not started.

HHS 58-1 (1) 30 - St. Mary-Babb
Fencing Survey

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

F 10-2 (1) 79 - Big Sandy-North
10.1 miles, Chouteau County
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

RF 252 (28) - Loma - North & South
3.5 miles, Chouteau County

Unassigned
Havre, Montana
Telephone No. 265-6821

Location survey work not started.

RS 12 (20), Turner - Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 man days used to date.

RS 133 (2) - Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 40% complete.

RS 357 (12) - Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022

No work on this project. Centerline and bench levels are 100% complete, topography is 91% complete, check levels are 90% complete and cross-sections are 80% complete. A total of 233½ man days have been worked to date and the survey is 57% complete.

RS 459 (1) - Sunburst-East
10.0 miles, Toole County
Preliminary Engineering

Hugh Klepzig, Field Project Manager
East Glacier , Montana
Telephone No. 226-5811

No work on this project during this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

C O N S T R U C T I O N

RS 12 (19) - Harlem-Turner
Canadian Line
6.8 miles, Blaine County
Grade, gravel surf., and
pl. mix bit. base
Contract Let: June 10, 1976
Contract Amount: $811,910.99
Work Started: 7/23/76

Gus M. Albert
Miles City, Montana
George Nelson, Field Project Manager
Scobey, Montana
Telephone No. 487-5451
Contract Time: 140 working days
Probable Completion Date: 10/30/77

No work on this project. The project as a whole is 100% complete with the exception of seeding the gravel pit area which cannot be completed until the fall seeding season. 82% of the contract time has elapsed. The engineering crew has been transferred back to the Wolf Point Division. Field notes and computations are being checked in the Havre Division office.

U-95 (17) - Gildford-Havre-East
U. S. 2 - Havre-Hill County
1.3 mi. grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: March 1, 1976
Contract Amount: $1,434,327.32
Work Started: April 5, 1976

Baltrusch Construction Co., and
Affiliates - Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Completion Date: July 26, 1977

Two men are working on the final estimate and notes. The final is approximately 40% complete and the estimated submittal date to the Division office is 12/1/77.

RF 62 (14) & RF 132 (14)
Shelby-Chester, Chester-West
5.36 miles grade, aggr. surf.
surf. storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co. &
Affiliates - Havre, Montana
Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 200 working days
Completion Date: 8/1/77

The project was completed on 8/1/77. One to two men are working on the final estimate and notes as time permits.

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass-South, Sunburst-South
Gr. agg. surf., pl. mix
bit. base, pl. mix bit. surf.,
structures, safety correction
& pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/22/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc.(J.V.)
East Helena, Montana
Harold D. Kelly, Field Project Mgr.
Sunburst, Montana
Telephone No. 937-7111
Structures:
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 215 working days
Probable Completion Date: 9/30/77

STRUCTURES:
Progress has been good. The sub contractor, Sletten Construction Co., worked fourteen 8 hr. shifts and one 9 hr. shift with up to 14 men employed. Slope protection has been poured on N.B. and S.B. Sta 1419 (Sunburst Interchange) and at Sta. 1644 (McVey Interchange). The protective coating has been completed at Sta. 1439 (Railroad structure). Curbs and end posts have been poured and this completes structure concrete at Sta. 1644 (McVey Interchange). Deck stripping is 75% complete. The sub contract as a whole is 95% complete. A 1 to 2 man engineering crew is presently engaged in project inspection.
ROADWAY:
Progress has been good. The contractor worked one 14½ hr., and one 8½ hr., and ten 10½ hr. shifts with 33 to 41 men employed. Three days were lost due to rain. 2,004 tons pl. mix base 1½" G 1 were placed for a total of 82,386 ton or 100% complete. 9,582 tons base crse 1½" Gr. 5A were placed for a total of 31,887 ton or 100% complete. Placed 31,607 tons pl. mix bit. surf. Gr. B on entire project and overlay on Project RFI-243 (8). Paving on RFI-243 (8). Pavong on RFI-243 (3) was completed on 8/12/77 and paving on I-IG 15-8 (25) 379 was completed on 8/30/77. Grading and drainage items are 100% complete. Fencing remains 98% complete. Seeding items remain 21% complete. The sub contractor, Western Sign, worked fifteen 9 hr. shifts employing 4 to 13 men. Placed foundation for structural steel sign post, making structural steel item 15% complete. Signing as a whole remains 2% complete. Removed 15,554 ln. ft. guard rail, making this item 100% complete. Installed 10,868 ln. ft. safety update guard rail, making Project I-15-8 (31) 387 guard rail 100% complete. Contract guard rail items as a whole is 47% complete. The contract as a whole is 94% complete with 84% of the contract time elapsed. An 8 to 11 man engineering crew worked 15 days on inspection and layout.
UTILITIES:
Burlington Northern RR did not work. Their revisions remain 55% complete.

I 15-8 (28) 343 Unit 1
Toole County Line - North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $2,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc. and
Maronick Construction Co., Inc. (J.V.)
Great Falls, Montana 59403
James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Structures:
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2941
Contract Time: 230 working days
Completion Date: 7/5/77

No work on the final due to working on other projects. The final remains approximately 20% complete.

I 15-8 (28) 343 Unit 2
Toole County Line - North
1 -Prestressed conc. girder underpass
and dual prestressed overpass
Contract Let: 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 150 working days
Completion Date: 9/2/76

No work on this project. Work on the final estimate will continue as time permits. Engineering personnel are engaged on other projects.

I 15-8 (28) 343 Unit 3
Toole County Line - North
Dual 481.5' prestressed
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work Started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 235 working days
Completion Date: 10/30/76

Two man days were worked on the final estimate. Work on the final estimate will continue as time permits. Engineering personnel are engaged on other projects.

I 15-8 (33) 343
Toole County Line - North
8.314 mi. agg. surf.,
pl. mix bit. surf. & signing
Contract Let: 10/28/76
Contract Amount: $2,176,268.12
Work started: 5/16/77

Empire Sand and Gravel Construction Co.
Billings, Montana 59103
James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 180 working days
Probable Completion Date: 11/15/77

Progress has been fair with five days lost due to rain. The contractor worked one 11 hr. shift per day with up to 38 men employed. Produced and placed 70,400 tons of 3" C.B.S. between Sta. 273+35 and 539+62.5 for a total of 198,875 tons to date or 45% complete. Produced and placed 7,095 tons 1½" C.B.S. between Sta. 130+00 and 180+00 for a total of 53,545 tons

I 15-8 (33) 343 (Continued)
Toole County Line - North

to date or 32% complete. An 11 man engineering crew is engaged in blue topping and inspection. The project as a whole is 18% complete with 43% of the contract time elapsed.

RF FLH 353 (15)
Two Medicine Bridge - East
5.7 mi. - Glacier County
Grade, aggr. surf., pl. mix base, pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work Started: 4/28/77

Hilde Construction, Inc.
Great Falls, Montana
Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 170 working days
Probable Completion Date: 11/15/77

Progress this reporting period has been fair. Six days of work was lost due to rain. The contractor worked six 9 hr. shifts with 25 men employed. 29,441 cu. yds. of unclassified excavation was moved for a total of 609,441 cu. yds. to date, making this and related items 85% complete. 37,891 tons of 1½" CBC was placed for a total 55,349 tons to date making this item 52% complete. The project as a whole is 48% complete with 51% of the contract time elapsed. An 11 man engineering crew is engaged in construction inspection and layout.

RS 432-1 (2) 27
Big Sandy - Rudyard
7.3 mi. Chouteau & Hill Counties
Grade, aggr. surf., pl. mix base and signing
Contract Let: 5/26/77
Contract Amount: $935,668.76
Work Started: 7/6/77

Wickens Brothers
Lewistown, Montana
Albert M. Ullrich, Field Project Mgr.
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 140 working days
Probable Completion Date: 7/1/78

Progress has been good. The contractor worked ten 9 hr. shifts with 18 to 20 men employed. 204,000 cu. yds. of uncl. exc. has been moved to date making this item 70% complete. Installed 816 ln. ft. of RCP making this item 100% complete. Installation of 168"x130' SSPP and cut off walls at Sta. 1530+08 is 100% complete. The project as a whole is 30% complete with 34% of the contract time elapsed. A 6 man engineering crew is engaged in construction inspection.

TQS 464-1 (2) 19 U-1
Browning-Babb (Duck Lake Road)
Structures & Approaches
0.2 mi. Glacier County
Contract Let: 1/27/77
Contract Amount: $127,436.90
Work Started: 4/26/77

E. F. Matelich Construction Co.
Kalispell, Montana
Albert W. Bonner, Field Project Manager
Browning, Montana
Contract Time: 90 working days
Probable Completion Date: 9/9/77

Progress has been fair. No work on the project until 8/19/77, awaiting the 7 day break on concrete cylinders to strip the deck. The contractor worked eleven 8 hr. shifts with up to 7 men employed. Rail has been erected and the connecting bolts are being drilled and tapped.

TQS 464-1 (2) 19 U-1 (Continued)
Browning-Babb (Duck Lake Road)

Deck has been ground to tolerance. End bents have been filled to grade, and rip rap is being shaped. At close of work 9/2/77, 89 days of the allotted 90 working days have been used. The project as a whole is 95% complete with 99% of the contract time elapsed. A 2 man engineering crew is engaged in project inspection.

TQS 464-1 (2) 19 U-2
Browning-Babb (Duck Lake Road)
Grade, gravel, and pl. mix base
Contract Not Let

Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

No work by the utility companies this period.

HHS 1-6 (1) 384
U. S. 2 - East of Havre
Intersection Improvement
Grade, aggr. surf., pl. mix bit. surf.
0.325 mile - Hill County
Contract Let: 12/16/76
Contract Amount: $84,728.80
Work Started: 4/11/77

Baltrusch Construction Co., Inc. & Affiliates - Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 30 working days
Completion Date: 6/21/77

Two men worked on the final estimate and notes. The final estimate and supporting data was submitted to the Division office on 8/29/77. Division office personnel will begin checking notes and final quantities next week. Estimated submittal date is 9/15/77.

F-1-6 (2) 382
U.S. 2 - Havre (E. Section) 1
1.9 miles - Hill County
Grade, gravel surf., pl. mix surf., and storm sewer
Contract Let: 5/26/77
Contract Amount: $1,137,961.65
Work Started: 7/20/77

Baltrusch Construction Inc. & Affiliates - Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 8/30/78

Progress has been good. The prime contractor has not started work. The sub contractor, Cop Construction Co., worked fourteen 9 hr. shifts with up to 17 men employed. The installation of the remaining ten manholes and placing the RCP for mainline drainage was completed 9/1/77 making this portion of the drainage structures 100% complete. 26 drop inlets and related pipe were installed making these items 85% complete. The construction of the floodgate lt. of Sta. 613+56 is 25% complete. The drainage structures as a whole are 85% complete. The project as a whole is 30% complete with 25% of the contract time elapsed. A 6 man engineering crew is engaged in construction inspection and layout.

Respectfully submitted,

Hazen D. Flickinger, P.E., Supervisor
Division Construction Section - Havre

HDF/JL/mh

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SEP 6 1977
CONSTRUCTION BUREAU

DIVISION OFFICE
GLENDIVE, MONTANA
SEPTEMBER 1, 1977

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending August 30, 1977.

GENERAL

Progress throughout the Division has been fair. The weather was mostly fair. Temperatures ranged from +45 degrees to +85 degrees with short periods of rain.

PRECONSTRUCTION

F-20-2(1), SAVAGE-CRANE
Length - 8.0+ Miles
Survey Started - December 11, 1972

Unassigned
Design Started - August 4, 1975
Est. Comp. Date - May 1, 1978

No work on this project during the past period. Fly line, centerline, bench levels and cross sections are 100% complete. Plotting plan and profile are 99% complete; irrigation and drainage items are 99% complete; and section ties are 99% complete. This survey remains 99% complete with 785 mandays used to date. Design remains 4% complete with 32 mandays used to date.

F-25-1(1), CIRCLE-NORTH
Length - 8.4 Miles
Survey Authorized - March 16, 1977

Unassigned

Work will begin when personnel are available.

F-42-1(1)0, FLOWING WELLS-NORTH
Length - 19.7 Miles
Survey Authorized - March 16, 1977

G. L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Est. Comp. Date(Design)-Oct. 15, 1977

The soil survey is 100% complete with a total of 34 mandays used to date. Design will begin when typical section has been received.

RS-325(9), SIDNEY-FAIRVIEW
Length - 11.6+ Miles
Reconnaissance Survey

Unassigned

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 mandays used to date.

4370, YELLOWSTONE RIVER BRIDGE AT SIDNEY
Ground Control
Survey Authorized - May 5, 1977

Unassigned

Ground control work has been completed by a crew from Wolf Point. Survey will be submitted to Helena when U.S.C. and G.S.B.M.'s information has been received.

S-201-2(1)39, PRESSERVILLE-FAIRVIEW
Length - 6.0 Miles
Survey Authorized - Dec. 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Estimated Design Comp. - Dec. 31, 1978

Design of this project remains 11% complete with 25 mandays used to date.

RS-252-1(1), CIRCLE-NORTHWEST
Length - 10.524 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975

H. D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Est. Comp. Date - April 30, 1978

Work will resume when personnel are available. The survey as a whole is 58% complete with 482.5 mandays used to date.

RS-253-2(1)36, BROCKWAY-SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on Aug. 10, 1976.

RS-261-1(2), WIBAUX-NORTH
Length - 4.8 Miles
Survey Authorized - December 28, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - June 9, 1977
Est. Design Comp. Date - Oct. 15, 1977

Plans were sent to Helena on June 16, 1977 for P.I.H. prints. Design is 75% complete with five mandays used to date.

S-323-1(1)27, ALZADA-EKALAKA
Length - 18.4 Miles
Survey Authorized - March 4, 1970

Unassigned

Targets were set and aerial photographs taken. A four man crew began work on photogrammetric ground control October 25, 1976. Eighty-eight mandays used to date. Work has been suspended until personnel are available.

S-335-1(1)2, 2ND SECTION, MARSH-GLENDIVE
Length - 7.0 Miles
Survey Authorized - February 23, 1973
Design Started - March 26, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Survey Comp. Date - February 20, 1975
Est. Design Comp. Date - Oct. 28, 1977

No work on this project during the past period. Plans were sent to Helena for P.I.H. prints on May 4, 1977. Design is 50% complete with 105½ mandays used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON COUNTY LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded - March 31, 1976
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H. D. Kelly, Fld. Proj. Mgr. - Roadway
C. H. Neiffer, Fld. Proj. Mgr. - Str.
Glendive, Montana - Phone 365-5296
Contract Time - 260 Working Days
Prob. Comp. Date - November 30, 1977

Progress this past period has been fair. Prime contractor Joe Mayo & Son, Inc. employed from 3 to 10 men for twelve 9-hour shifts on the grading operations, replacing topsoil, finishing sub-grade at various locations throughout the project, also reclaiming borrow pits. The grading items remain approximately 98% complete. Installed 59 feet of 24" C.S.P. drain, 156 feet of 8" underdrain, 220 feet of 10" underdrain making the culvert items approximately 89% complete. Excavated 3457 cu. yds. Culvert Exc. for 91% complete, placed 200 cu. yds. filter material making this item 88% complete. The gravel operations employed 18 men for five 9-hour shifts and seven 8-hour shifts, producing and placing 25,647 tons of 1½" C.B.C. Type "A" Gr. 5, making this item 94% complete, also producing and placing 4135 tons of 3/4" C.T.S. Type "A" Gr. 2, making this item 74% complete. Plant mix operations employed 17 to 20 men for 8 various length shifts producing and placing 15,576 tons of 1½" P.M. base Gr. 1, making this item 79% complete. Sub-contractor Schmoll Construction employed two to three men for twelve 8-hour and two 4-hour shifts, installed guard rail posts at various locations on the project making this item 18% complete. Also, Schmoll Construction completed the signing on the Powder River Inter. (I-94-5(17)165). Mark Rite Lines, Inc. employed 2 men for one 8-hour shift and did detour striping on the Fallon-Dawson County project, also the entire striping on the Powder River Inter. was completed using 55 gallons of yellow paint and 78 gallons of white paint making these items 35% and 46% complete to date. The Powder River Inter. portion of the contract now is 100% complete. The project as a whole is 89% complete with 227 working days or 84% of the contract time elapsed. Construction layout is 96% complete with 9 engineers and 9 testers or inspectors employed this past period.

I-94-5(15)183 UNIT 3
FALLON-DAWSON COUNTY LINE
Completing Superstructure on Dual Bridges
Contract Awarded - Jan. 27, 1977
Amount of Contract - $1,005,548.41
Work Started - April 21, 1977

Weyher Construction Company
P.O. Box 628, Salt Lake City, UT 84110
A.J. Kuntz, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Prob. Comp. Date - June 1, 1978

I-94-5(15)183 UNIT 3, FALLON-DAWSON COUNTY LINE (Cont)....

Progress during the past period has been good. Fourteen shifts were worked with 23 to 27 men employed. One 8-hour and one 4-hour shift lost due to rain. Westbound Lane Structure; Deck forming was in progress entire period and is now about 75% complete. Eastbound Lane Structure; Removal of deck forms in progress entire period and is now 100% complete. Class BD Concrete was deposited for Spans 4, 5 and 6 making the placement of concrete for this structure complete except for the end posts. Rocker shoes are presently being set to proper position and anchor bolts being grouted in. Project as a whole is 41% complete with 93 working days used or 59% of the contract time elapsed. Construction layout with two engineers full time and one part time is 67% complete.

I-94-6(23)202, GLENDIVE-WEST
I-94-6(28)209, GLENDIVE-EAST AND WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr.-Rdwy
Ken Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - Oct. 1, 1977

Contractor Joe Mayo & Son working four 8-hour shifts employing 7 men this past period. Work consisted of repairing ditches eroded by rain showers. All contract items are 100% complete with the exception of seeding the gravel pit. The project as a whole is 99% complete with 222 working days used or 90% of the contract time elapsed. One engineer working on final quantities.

I-94-6(29)226 UNIT 1
GLENDIVE-WIBAUX CO. LINE WEST(EAST SECTION)
Length - 6.339 Miles
Grade and Structures
Contract Awarded - October 1, 1976
Amount of Contract - $1,619,125.62
Work Started - November 22, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
Vic Scheuffele, Eng. Tech. III-Rdwy
Ken Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Prob. Comp. Date - November 1, 1977

Progress this past period has been good. Prime contractor, employing 36 men, worked ten 9-hour shifts and three 8-hour shifts, and one 5-hour shift hauling and placing 204,791 cu. yds. Uncl. Exc. for a total to date of 580,000 cu. yds. or 79% complete; 776 lin. ft. of minor drainage items installed for a total to date of 2130.5 lin. ft. or 48% complete; culvert exc. of 472 cu. yds. for a total to date of 3829 cu. yds. or 68% complete. Sub-contractor Swan & Son started on fencing items August 29, 1977, working two 8-hour shifts employing 8 men. Structure sub-contractor F. L. Flynn & Co. worked fifteen 8-hour shifts with from 8 to 14 men employed. Work consisted of completing the placement of super-structure concrete on eastbound seperation str. @ Sta. 1217+50 with concrete finishing work in progress. Placed 24.160 cu. yds. Class "DD" concrete for edge protection and cutoff walls for 38.185 cu. yds. to date or 71% complete. Structure work items and percent complete are: Class "AD" Concrete, 95%; Str. Exc. Type 1, 97%: Steel Bridge Rail Type 5, 70%. This sub-contract is estimated at 95% complete. The project is estimated at 75% complete with 53% of the contract time charged to date with six to ten engineers and testers employed this period.

I-94-6(30)221 U1
WIBAUX COUNTY LINE-WEST(MIDDLE SECTION)
Length - 4.7 Miles
Grade, Related Items, and Dual Overpass
Contract Awarded - August 15, 1977
Amount of Contract - $1,418,195.30
Work Started - September 6, 1977

McIntyre Const. & S. Birch, Inc.
Box 2167, Great Falls, MT 59403
Bernard F. Kelly, F.P.M. -Roadway
K.G. Quale, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-5296
Contract Time - 150 Working Days
Prob. Comp. Date - September 1, 1978

This project was awarded on August 15, 1977 with assessment against the 150 working days to commence on September 6, 1977. This project is 0% complete with 0% of the contract time elapsed. Construction layout with 6 to 22 men employed working ten 10-hour shifts and six 8-hour shifts is estimated to be 22% complete with 63% of the slope staking completed and 32% of the culverts staked. A preconstruction conference was held in the Glendive Division Office on August 18, 1977 with personnel from the McIntyre Construction Company and the Highway Department in attendance with the contractor to start work on this project on or about September 6, 1977.

F-27-2(1)44 BAKER-NORTH
Length - 10.3 Miles
Plant Mix Overlay
Contract Awarded - June 27, 1977
Amount of Contract - $617,681.20
Work Not Yet Started

Meyer Construction Company
Box 1417, Billings, Montana 59101
Unassigned
Contract Time - 90 Working Days
Prob. Comp. Date - May 31, 1978

Preconstruction conference held in division office on August 16, 1977. Anticipate crushing operations to begin on or about September 6, 1977. Project is 0% complete with 29 working days used or 32% of contract time elapsed.

RF-391(16), LAMBERT-EAST AND WEST
Length - 43.2 Miles
Plant Mix Bitum., Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, North Dakota
James Baldwin, Field Project Manager
Culbertson, Montana 59218
Contract Time - 110 Working Days
Prob. Comp. Date - Oct. 28, 1977

All work on the project is completed with the exception of final pit reclamation which, because of standard specification in regards to seeding date, will not be accomplished until after October 15. The project as a whole is 99% complete with 96 days or 87% of the contract time elapsed.

RS-128(12), WIBAUX COUNTY LINE - NORTH
Length - 5.722 Miles
Grade, Aggr. Surf., Pl. Mix Base & Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Started - August 2, 1976

Neshem-Peterson, Inc.
Box 68, Berthold, N. Dakota 58718
James Baldwin, Field Project Manager
Culbertson, Montana 59218
Contract Time - 160 Working Days
Prob. Comp. Date - Oct. 28, 1977

RS-128(12), WIBAUX COUNTY LINE - NORTH (Cont.).....

Progress this past period has been good. Sign and guardrail erection crew completed all of their work on August 12. Eighteen men on seal crew worked one 10-hour and one 12-hour shift on August 11 and 12 and completed seal and cover application. Two man striping crew worked one 4-hour shift and applied pavement marking on August 30. All roadway and bridge items are 100% complete as of August 30, 1977. Gravel pit reclamation is the only work remaining on the project which, because of standard specifications in regards to seeding date, will not be accomplished until after October 15. The project as a whole is 100% complete with 170 days or 99% of the contract time elapsed. A nine man engineering and inspection crew have been assigned to the project. No further field progress reports will be submitted or contract time assessed until after October 15.

RS-302(23), TERRY-BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf., Pl. Mix Bitum. Base
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract - $1,085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
B.F. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 180 Working Days
Prob. Comp. Date - Oct. 15, 1977

Progress this past period has been poor. Contractor Joe Mayo & Son, Inc. worked two 8-hour shifts employing 4 men completing clean-up of pit areas and roadway. Sub-contractor Mark Rite Lines, Inc. worked one 8-hour shift employing 3 men striping entire project. Work on this project has been suspended until some time in October when seeding operations will commence on the two pit areas. The project as a whole is 98% complete with 173 working days used or 96% of the contract time elapsed. Construction layout with two men employed is estimated to be 96% complete. Final estimate quantities with two men working part time is estimated to by 64% complete.

RS-323-1(2)47, ALZADA-EKALAKA
Length - 3.2 Miles
Grade, Drain, Aggr. Surf., Plant Mix Bitum. Base, Seal and Cover
Contract Awarded - May 31, 1977
Amount of Contract - $773,245.82
Work Started - July 13, 1977

Earth Builders, Inc.
Box 838, Bismarck, N. Dakota 58501
Unassigned
Contract Time - 120 Working Days
Prob. Comp. Date - July 1, 1978

Progress this past period has been poor. Contractor employed 5 men on fencing operations, working eleven 8-hour shifts and one 7-hour shift, erecting fence from Sta. 2474+61.5 to 2521+00 Lt. Side and Sta. 2474+61.5 to 2536+00 Rt. Side; driving line posts from Sta. 2521+00 to 2568+00 Lt. Side and from Sta. 2536+00 to 2568+00 Rt. Side; also erecting 38 single panels, 3 double panels and 4 corner panels for a total to date of 1012.2 rods of farm fence erected for 69% complete. Contractor anticipates beginning striping operations on or about September 2, 1977. The construction layout with one to two man engineering crew part time and one inspector is estimated to be 27% complete. The project as a whole is 2% complete with 46 working days used or 38% of the contract time elapsed.

PROGRESS REPORT

CONSTRUCTION

RS-394(3), WEBSTER-WEST
Length - 10.036 Miles
Grade, Aggr. Surf. & Prestressed Con. Gir. Bdg.
Contract Awarded - November 19, 1976
Amount of Contract - $1,142,475.92
Work Started - April 11, 1977

McIntyre Construction & S. Birch Co.
P. O. Box 2167, Great Falls, MT 59403
Dennis C. Tenney, Field Project Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Comp. Date - Oct. 28, 1977

Progress this past period has been fair. Prime contractor worked fifteen 8-hour shifts employing a maximum of 10 men on miscellaneous finish and cleanup operations and stripping of gravel pits. Contractor also excavated for and placed 3.0 cu. yds. of Class "DD" concrete for drain chute Rt. Sta. 268+. Sub-contractor Swan & Sons employed five men working fifteen 8-hour shifts erecting fence on both sides of roadway for 5876 rods erected to date for 98% complete. Work in progress on the bridge over Little Beaver Creek consisted of stripping and finishing under the deck slab. The contractor worked eleven 9-hour shifts during the period with an average of 4 men employed. The structure as a whole is 94% complete. Bridge layout, with a one-man engineering crew engaged is 98% complete. The prime contractor anticipates beginning of gravel operation on or about September 12, 1977. The roadway construction layout with a five man engineering crew and 2 inspectors is 96% complete. The project as a whole is 65% complete with 91 days used or 57% of the contract time elapsed.

Respectfully,

Bruce Russell

Bruce Russell, Supervisor
Division Construction Section

BR/JMB/sb

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SEP 6 1977
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DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
September 2, 1977

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending September 2, 1977.

GENERAL

The weather has been cool to warm with light scattered rain showers throughout the division. Progress on road construction in general was good. Work on off system signing and off system road projects in progress in some areas. The temperatures ranged from a low of 46 degrees to a high of 96 degrees.

PRECONSTRUCTION

RS 000S(55), FAS Routes 438 & 537
Approximately 45 Miles in Length
Authorized--06-28-77
Location Survey Started--07-28-77

Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Est. Compl. Date--08-31-77

Completed survey of existing signs, structures and county roads. Nine man days used. Survey is 100% complete.

F 22-2(01), Plentywood-South
Formerly F 193(22)
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-26-76
Survey Resumed--11-22-76

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--03-31-78

No work on project this past period; survey crew engaged on construction projects. Percentages complete on the 10.1 mile survey remain as follows: centerline, bench levels, profile and section ties 100% complete; topography 5% complete. The project as a whole is 63% complete with 581 man days used to date. There will be no further field reports until work is resumed.

F 32-1(01)0, Macon-North
Formerly RF 266(11)
Approximately 10 Miles in Length
Authorized--11-04-76
Location Survey Started--01-11-77

Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Est. Compl. Date--11-30-77

No work on project this past period. Centerline, bench levels and topography are 100% complete. Section ties are 75% complete; cross sections are 17% complete. The survey as a whole is 62% complete. Eleven man days used this past period for a total to date of 333 man days.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--01-13-77
Location Survey Suspended--03-30-77

George Nelson, Fld Proj Mgr
Scobey, Montana
Est. Compl. Date--11-30-77

No work on the project this past period. Engineering crew engaged on construction projects. Percentages complete on the survey remain as follows: centerline, bench levels 100% complete; topography 60% complete; section ties 35% complete; cross sections 10% complete. The project as a whole is 45% complete with 286 man days used to date. There will be no further field reports until work has resumed on the survey.

F 62-1(01), Missouri River Bridge-South of Culbertson
Formerly F 273(16)
Approximately 0.2 Mile in Length
Authorized--05-13-76
Location Survey Started--

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--11-30-77

No work on bridge site survey this past period. Crew engaged on other projects. Survey suspended until crew is available.

S 246-1(01)0, Tampico-Glasgow
Formerly RS 257(5)
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started--05-20-74
Design Started--03-22-76

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Act. Compl. Date--04-02-76 (Location)
Est. Compl. Date--08-15-77 (PIH)

A total of 237 man days has been used to date on design which is 50% complete on the revised typical section and projected line. Proposed plans were submitted for PIH prints on 08-12-77.

S 438-1-(01), Nashua-North
Formerly RS 239(5)
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75
Location Survey Completed--01-14-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Design Started--01-17-77
Est. Compl. Date--09-30-77 (PIH)

Eleven man days were used the past period on design of earthwork quantities and culvert design. A total of 62 man days has been used to date on design which is 25% complete.

RF 001-9-(001)644.2, Culbertson-Diamond Creek
0.1 Mile in Length
Drainage improvement, aggregate surfacing, road mix bituminous surfacing
Contract Let--03-31-77
Contract Awarded--04-01-77
Proceed Order Date--04-22-77
Work Started--06-28-77
Bid Price--$85,761.00

Rehbein Contracting, Inc.
Plains, Montana
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--30
Act. Compl. Date--07-22-77

Project is 100% complete. Final estimate will be submitted to the Division Office for checking as soon as personnel are available to compile final supporting data.

RS 15(17) & RS 202(6), Poplar-North and Brockton-North
7.647 Miles in Length
Plant mix surfacing, seal and cover
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--08-11-76
Bid Price--$342,345.22

Earth Builders, Inc.
Bismarck, North Dakota
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days--60
Prob. Compl. Date--10-15-77

No work in progress. Work remaining on contract items is seeding. Project is 99% complete with 95% of the project time elapsed. One engineering personnel working periodically on notes.

F 62-1(2)1, Sidney-Culbertson
6.7 Miles in Length
Grading, plant mix bituminous base, plant mix bituminous surfacing and signing
Contract Let--07-28-77
Contract Awarded--08-05-77
Proceed Order Date--08-26-77
Work Started--08-11-77
Bid Price--$2,272,925.24

William Clairmont, Inc.
Bismarck, North Dakota
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--180
Prob. Compl. Date--06-01-78

Work began on project on 08-11-77. 26 men on grading, pipe and fencing crews worked 14 eight-hour shifts this past period moving dirt, pre-watering cuts and installing pipe in miles 6 and 7, erecting fence in miles 5, 6 and 7. Items and percent complete are: unclassified excavation 3% complete; culvert installation 8%; fencing 29%. The project as a whole is 2% complete with 3 days or 2% of the contract time elapsed. Construction layout is 49% complete with a 6 to 15 man engineering and inspection crew engaged on the project. Travel conditions good with none of the PTW disturbed and no detours.

RF 153(12)U-1, US 2-Dodson
0.3 Mile in Length
Grading, aggregate surfacing, road mix surfacing and structure
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Constr., Inc., & Affiliates
Havre, Montana
George L. Nelson, Fld Proj Mgr
Malta, Montana
654-1391
Working Days--120
Prob. Compl. Date--09-31-77

Work the past period consisted of placing 154 ft. of bituminous curb, placing one project marker and doing cleanup work. Two men worked 2 various shifts. The project was suspended on 08-09-77 waiting for plant mix overlay to cure. Project as a whole is 86% complete with 88% of the contract time elapsed. Two engineering personnel were assigned to the project.

RS 248-4(2)18, Opheim-Scobey
Formerly S 8(12)
4.4 Miles in Length
Grading, aggregate surfacing, plant mix bituminsous base and widening Timber Bridge
Contract Let--05-26-77
Contract Awarded--06-16-77
Proceed Order Date--07-07-77
Bid Price--$669,459.08
Work Started--06-30-77

Earth Builders, Inc.
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Scobey, Montana
487-5451
Working Days--110
Prob. Compl. Date--11-30-77

Progress the past period has been good. Prime contractor, Earth Builders, Inc., moved 81,918 cu. yds. exc. for a total 167,073 cu. yds. or 99% complete. 14,563 cu. yds topsoil have been placed or 100% complete. Drainage items 100% complete. Approximately 75,000 tons of 1½" select surfacing have been produced and stockiled with 8,658 placed on road. The prime contractor employed 38 men working 2 nine-hour shifts per day. Fencing sub-contractor, Kimmel and Reed, built fence Sta. 86+60.5 to 123+50. Employed two men 13 eight-hour shifts. Bridge subcontractor, Blake Mackin, spent two days setting up equipment. Employed two men 3 eight-hour shifts. The project as a whole is 31% complete with 35% of the contract time elapsed. 9-10 engineering personnel are engaged on the project.

TQS 250-1(2)37, Wolf Point N & E Loop
(North Section)
6.0 Miles in Length
Aggregate surfacing and plant mix bituminous base
Contract Awarded--08-15-77
Proceed Order Date-- 09-06-77
Work Started--08-31-77
Bid Price--$392,435.60

Gus M. Albert
Miles City, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days--100
Prob. Compl. Date--

A preconstruction meeting was held in the Division Office on 08-26-77. Contractor started work on 08-31-77. Work consisted of moving in crushing equipment. Five contractor employees worked 1 nine-hour shift. Project is 0% complete with 0% of the contract time elapsed. Six engineering personnel are engaged on the project.

RRP 266(18), Grade Crossing Signals
Contract Awarded--05-23-77
Proceed Order Date--
Work Started--

Burlington Northern, Inc.
St. Paul, Minnesota
George L. Nelson, Fld Proj Mgr
Malta, Montana
654-1391

No work on the project this past period. Burlington Northern, Inc., was authorized to proceed with the installation of signal 05-23-77. All engineering personnel assigned to other projects.

ROS 4144(52)U-9, Bridge End Protection
Missouri River Bridge near Wolf Point
0.378 Mile in Length
Bridge end guard rail and advance flashing beacons
Contract Let--04-28-77
Contract Awarded--05-02-77
Proceed Order Date--05-23-77
Bid Price--$27,158.75
Work Started--05-31-77

Stuber Construction Company
Glasgow, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days--30
Act. Compl. Date--07-07-77

Project is 100% complete with 100% of the contract time elapsed. Final supporting data turned in to the Division Office on 08-08-77 and was submitted to Helena 08-12-77. This will be the last report.

Vernon D. Borden

Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:RH:psb

cc: Field Project Managers
Don Williams
File

DEPARTMENT OF HIGHWAYS
Billings, Montana

September 2, 1977

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CONSTRUCTION BUREAU

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the report period ending September 2, 1977.

GENERAL

Temperatures ranging from +40 to +65 degrees prevailed during the reporting period. A varying amount of precipitation was received throughout the area. Good progress has been reported on the construction projects.

PRECONSTRUCTION

4370 - Yellowstone R. Br.-E. Billings
Photogrammetric Ground Control
Length 0.5 Miles
Survey Authorized 5-5-77
Work Started 6-1-77

Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Completion Date 6-10-77

All requested photogrammetric control data has been forwarded to Helena.

I-90-9(12)514 - Lodge Grass-North Section
Length 9.1 Miles
Grade, Drain, PMB and PMS
Big Horn County
Project Scheduled for Letting 11-77

Raymond Schaak, Fld.Project Mgr.
Garryowen, Montana
Phone No. 638-2255

A five man engineering crew worked 15-eight hour shifts, doing preliminary layout and staking.

F-4-1(1)0-Wyoming Line No.
Length 19.5 Miles
Survey Authorized 4-12-77
Work Not Started

Michael Zahn, Fld. Project Mgr.
Phone No. 446-1885
Probable Completion Date 12-15-77

Work on this fencing location will begin when personnel are available. The Project is 0 % complete.

U-16-1(3) Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2-76
Work Not Started

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-30-77

No work was accomplished on this project during the past reporting period. Design work is 50 % complete and the estimated completion date is November 30, 1977.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10-75

Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-77

Survey will commence as soon as personnel are available. Project is 0 % complete.

RF 134(11) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16-76
Work Started 2-2-76

Michael Zahn, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-77

Work was suspended on February 20, and will continue when personnel are made available.

RS 000S(56) Yellowstone County
Signing Upgrade on 15.6 Mi. of
FAS 310 and 5.0 Mi. on FAS 311
Survey Authorized 6-28-77
Work Not Started

Engineer Unassigned
Probable Completion Date 2-1-78

The Location is 0 % complete and work will begin as soon as personnel are available.

S 416-1(1) Billings - South
8.2 Miles - Location Survey
Survey Authorized 2-26-76
Survey Started 2-14-77

Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-77

A six man survey crew worked nine days between 8-8-77 to 8-26-77 cross-sectioning from Station 212+26 to Station 288+73. The location is 59 % complete.

S 332-2(1) Brandenberg - Garland
9.895 Miles Design Work
Design Started 5-5-75

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-31-79

Three men worked on this project during the past reporting period, checking and inking summary sheets and plan and profile sheets. Design work is 80 % complete and the estimated completion date is January 31, 1979.

RS 306-1(1)0 Columbus - North
3.897 Miles Design Work
Design Received 3-30-77

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-82

Design work has not been started on this project. The estimated completion date is April 1, 1982.

RS 311-2(2) Treasure County
Signing Upgrade on 6.6 Miles of FAS 311
Survey Authorized 6-28-77
Work Not Started

Engineer Unassigned
Probable Completion Date 2-15-78

The Location is 0 % complete and work will begin as soon as personnel are available.

S 447-1(1)29 Rosebud South (North Section)
8.239 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Completion Date 6-3-77

All design data has been submitted to Helena for final checking.

S 463-1(1)0 Lodge Grass- St. Xavier
6.495 Miles Design Work
Design Received 9-30-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 6-1-78

No work was accomplished on this project during the past reporting period. Design work is 50 % complete and the estimated completion date is May 5, 1982.

DP 50(7) Sarpy Creek Road
Photogrammetric Control 27±
Date Authorized 9-28-76
Survey Started 12-21-76

John Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Probable Completion Date 10-1-77

No work was done on the project this period. Photos and control data have been submitted to Helena and section corner location will continue as time permits. The project is 80 % complete.

DP 37-1(1) Crow Agency-Busby (West Section)
8.738 Miles Design Work
Design Started 7-18-77

James M. Young, Designer II
Billings, Montana
Probable Completion Date 10-31-77

Two men worked on this project during the past reporting period, reviewing and designing a typical section, plotting sections of templates to adjust grades in view of recommendations made at the pre plan in hand inspection held August 11, 1977. Field survey crews are as of this date making a condition report of existing drain culverts. Design work is 12 % complete and the estimated completion date is October 31, 1977.

DP 334(26) Crow Agency - Busby
Photogrammetric Control 27.4 Miles
Date Authorized 12-3-75
Survey Started 12-22-75

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 12-1-77

No work was done by the Field Engineering Crew for the past three weeks. All the personnel was assigned to the following construction projects I-90-9(28)509 U-1, I-90-0(34)491 and FI 188(10). The project is 74 % complete.

CONSTRUCTION

I-IG-90-8(64)391 U1 & I-90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., & 284' Structure
Amount of Contract - $3,273,435.74
Contract Awarded 6-5-75
Work Started 6-26-76

Clark Brothers, Contractor
Victor, Montana
Don Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Billings, Montana
Phone No. 252-4138
Contract Time: 60 Working Days
Completion Date 7-12-77

The project is complete. No engineering personnel were assigned to the project during this period. Preparation of final estimate is 85 % complete.

I-90-9(28)509 U1 and I-90-9(34)491 &
FI 188(10) Garryowen North & South
8.1 Miles of Grading Agg.
Surf. Pl. Mix Surf., Fencing
Signing & Related Items
Contract Let 4-42-75
Amount of Contract - $4,304,984.48
Work Started 6-12-75

Wickens Brothers and Empire
Sand & Gravel Co's., Contractors
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 280 Working Days
Completion Date 7-22-77

All work items on this contract were completed and accepted on July 22, 1977. Two people are working in the office on the final estimate, supporting data and summaries for the construction projects, which will be turned into the Division Office September 2, 1977.

I-94-1(37)50 Unit 1
Structure and Approaches-Bighorn
River 0.22 Miles Yellowstone & Treasure Co's
Contract Awarded 2-28-77
Amount of Contract - $1,007,315.91
Work Started 4-8-77

Sletten Construction Co.
Great Falls, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 210 Working Days
Probable Completion Date 5-1-78

Good progress. The contractor worked 15 eight-hour shifts and employed 10 men on the project forming, placing rebar and concrete in cap Bent No. 2. Stripping and finishing Pier No. 3. Placed rebar and concrete in footing and forming shaft Pier No. 4. The subcontractor placed riprap. Percentage Items Complete: Concrete Class AD 65 %, Str. Excavation TY 2 79 %, Reinforcing Steel 15 %, Cost of Training Program 41 %, Exc.-Unclass Borrow 85 %, Haul 70 %, Riprap-Class 3 Random 85 %. All other Items remain the same. The project is 24 % complete with 94 working days or 45 % of the contract time elapsed. Structure and approach staking and computations are 10 % complete. Thirty-seven man days have been charged to the project this newsletter period.

I-94-2(17)60 U1 & I-94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr., Agg. Surf., PmBB & PMBS
Signing and Structures
Contract Let 5-29-75
Amount of Contract - $4,998,829.68
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 300 Working Days
Probable Completion Date 9-9-77

Progress has been fair. Studer Construction, Sub-Contractors, worked ten shifts on paving during this period. Plant Mixing on the road was completed on August 23. There is a short stretch of bituminous curb that is yet to be completed. Frank Gurney, Inc., Sub-Contractor, worked thirteen and one-half days installing guardrail and median barrier, signing, R/W monuments, and station markers. Empire Sand & Gravel Co., Inc., Contractors, worked thirteen and one-half days on general cleanup and finish work. The project was opened to traffic on August 30, 1977. Sixteen employees have been assigned to this project. Construction layout is 98 % complete. Percentage complete of various items are as follows: Grading 100 %, Surfacing 99 %, Drainage 99 %, Structure 100 %, Fencing 100 %, Signing 80 %, Project as a whole 99 %. 318 of the allotted 313 Working Days have now been used, making an over run of the contract time.

F 28-2(2)95 Front Ave.- Joliet
Installation of Sodium Vapor Lighting
0.2 Miles
Contract Amount - $17,363.00
Contract Awarded 7-29-77
Work Not Started

Midland Electric Co.
Billings, Montana
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 45 Working Days
Probable Completion Date Unknown

The contractor has not requested a preconstruction conference to date.

RF 108(16) Billings- North
Billings - Roundup
6.9 Miles - Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Work Started 10-19-76

McEachern Const., Co., Contractor
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 248-4050
Billings, Montana
Contract Time: 160 Working Days
Probable Completion Date 10-30-77

Fair progress. The concrete lined ditch lt. of 173+07 was installed. The sidewalk rt. of 44+60 to 54+56 was completed. Prime was completed from 109+50 to 393+26.1, the "B" line, and 20+00 to 25+37. The fencing contractor put in 68 rods of F2M Station 33+33.4 to 44+85, 59 rods of F4W at multiplate areas, and 55 rods of F4M lt. and rt. of 67+04 to 71+50 and rt. of 117+00 to 121+01. Bozeman Sand & Gravel, sub-contractor, worked 9 eight hour shifts hauling 9,546 tons of 1½" base course from the stockpile to the roadway Stations 361+00 to 383+00, 217+00, 20+91 to 25+37 and various approaches. Hauled 8,336 tons of 3/4" to Stations 356+00 to 384+50, 189+00 to 252+50, 20+91 to 25+37. "B" line and various approaches. On the roadway items, the grading is 86 % complete, the drainage items are 98 % complete, surfacing items are 67.5 % complete, and the concrete 99 % complete. The structures are 100 % complete. The project is 77 % complete with 65 % of the contract time elapsed. An average of 15 men were employed. Fourteen persons were assigned to the project for engineering and inspection work. The roadway engineering is 57 % complete.

RF 188(9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 9-30-77

There was no work in progress this reporting period. The project is complete except for the installation of Traffic Signals at Center Avenue and Third Street which will be done at a later date under Extra Work Order No. 2. A letter of Conditional Acceptance was issued on April 21, 1977. A shut down is in effect due to the conditional acceptance. The materials for the Traffic Signals are scheduled to be shipped on September 12, 1977. The Miscellaneous items are 100 % complete. The Grading items are 100 % complete. The Drainage items are 100 % complete. The Surfacing items are 100 % complete. The Curb and Gutter items are 100 % complete. The Signing and Lighting items remain 95 % complete. The Fencing items are 100 % complete. The project as a whole is 97 % complete with 139 working days of the 216 allowed having been used or 64 % of the contract time elapsed. No personnel have worked on the project this reporting period. Engineering layout is 100 % complete.

M 1006(1) Broadwater Avenue
12th to 14th Street West-Billings
Gr. Drain, Agg. Surf., Pl. Mix
Surf., and Sign 0.3 Miles
Contract Awarded 5-28-76
Contract Amount - $407,470.75
Work Started 7-8-76

Cop Construction Co., Contractor
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Completion Date 4-22-77

Checking of final data is complete in the Division Office and will be forwarded to Helena by first available state transportation.

M 1008(2) Central Avenue
Gr. Drain Agg. Surf., Pl. Mix
Surf., Conc. Structure, Light
and Sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Started 6-30-76

Sletten Construction Co., Center
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Completion Date 6-28-77

Six man-days have been used during the past reporting period working on final computations. The final quantities should be into the division office by the end of September.

M 1018(2) & M 1099(2) U2
Interim Couplet 4th & 6th Ave. No.-Billings
Gr., Agg. Surf., Pl. Mix Surf.,Signs & Signals-
Contract Amount - $128,510.00
Contract Awarded - 10-29-76
Work Started 3-16-77

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 9-30-77

No work was done on the project during the past reporting period. The signal standards for the intersection of 4th Avenue North and North 13th Street arrived August 25, 1977. Contract time started as of the 25th of August 1977. All items remain the same as previously reported. Contract time elapsed has been five working days or 6 % with 84 working days remaining. Engineering time charged to the project during the past reporting period has been seven man days. The project as a whole remains 12 % complete.

TQS 308-1(2)4 Red Lodge - Belfry
3.0 Miles - Grading, Agg. Surf.,
Bit. Base, Signing, in Carbon County
Contract Amount $1,122,589.78
Contract Awarded 4-1-77
Work Started 5-4-77

Rehbein Contracting, Inc.
Plains, Montana
Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Probable Completion Date 12-1-77

Rehbein Contracting, Inc. worked one 9 hour shift per day with 15 men employed. They are working on gabions and other canal items. Canal items are 77 % complete. Meyer Construction Co. worked one 8 hour shift per day with 27 men employed. They finished crushing 1½" Base Course, 1" P.M.B.B. and ½" Cover Material. They hauled 13,639 Tons of 3" Select Surfacing to the roadway for a total to date of 23,364 Tons. They hauled 14,809 Tons of 1½" Base Course to the roadway for a total to date of 14,809 Tons. Surfacing Items are 35 % complete. On August 9, 1977, a cloudburst did considerable damage to the project. Grading Items are 99 % complete. Drainage Items are 100 % complete. Fencing Items are 86 % complete. An eleven man engineering crew has been working on notes, blue-topping and inspecting construction. Construction layout is 80 % complete. The project is 71 % complete with 53 % of the contract time elapsed.

DP-TQS-384-2(2)32 So. Section-Sarpy Creek Rd.
8.7 Miles - Pl. Mix Base, Pl. Mix Surf. &
Misc. Work
Treasure County
Contract Amount $877,948.10
Contract Awarded 7-27-77
Work Not Started

Hildre Construction Co., Inc.
Great Falls, Montana
Donald Kittelson, Fld. Project Mgr.
Phone No. 665-3995
Hardin, Montana
Contract Time: 100 Working Days
Probable Completion Date 10-30-77

No work was in progress this reporting period with the Contractor moving in and setting the crusher up. The Contractor is scheduled to begin crushing on August 30, 1977. Twenty-nine working days of the 100 allowed have been used or 29 % of the contract time elapsed. A five man survey crew worked two 8 hour and one-four hour shifts bluetopping the PTW this reporting period. Engineering layout is 33 % complete.

RS 129(14) Columbus - Rapelje
4.345 Miles-Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing and
91.25' Structure
Amount of Contract - $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contractor
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 252-4138
Billings, Montana
Contract Time: 150 Working Days
Completion Date 6-20-77

The project is complete. A four man engineering crew worked two days installing center line monuments. Preparation of final estimate is 80 % complete.

RS 311-2(3)11 Myers Bridge - N.W.
4.9 Miles Grade, Gravel, Drain, Pl. Mix Base
and 81.25' Structure-Treasure County
Amount of Contract - $818,564.06
Contract Awarded 6-6-77
Work Started 6-16-77

Wickens Brothers, Contractors
Lewistown, Montana
John Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 120 Working Days
Probable Completion Date 12-1-77

Progress has been fair. The contractor has continued grading, and culvert installation on this project. Grading has been completed up to Station 940, with the exception of the Steel Structural Plate Culvert the drainage items are completed up to Station 946. Kimmel and Reed, fencing sub-contractors, worked ten days installing fence. This item is nearly 70 % complete. Gravel crushing operations are tentatively scheduled to begin on August 31. Cop Construction, sub-contractor on the Bridge, has started driving steel piling, but are not presently working on the structure. 44 of the allotted 120 Working days have now been used, making 37 % of the contract time elapsed. The project as a whole is nearly 25 % complete. Six men are normally assigned to this project. Construction layout is 28 % complete.

DP 384-1(4)0 Hardin-East
19.0 Miles - Pl. Mix Bit Base Overlay
Seal & Cover, in Big Horn County
Contract Amount $845,091.24
Contract Awarded 4-1-77
Work Started 7-5-77

Border States Paving, Inc.
Fargo, North Dakota
Donald Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 110 Working Days
Probable Completion Date 9-15-77

Work in progress this reporting period consisted of surfacing the shoulders of the roadway at various locations from Station 291+00 to Station 1028+00. The first lift of Plant Mix Base was placed between Station 594+95 to Station 1041+25. The first lift of Plant Mix Base was completed on August 19, 1977. The second lift Plant Mix was placed between Station 339+50 and Station 770+79.8. Plant Mix Base is also being placed on Approaches. The cattle guard at Station 637+54 was adjusted to grade. The sub-contractor, Meyer Construction Co., worked fourteen 8 hour shifts with 42 men employed this reporting period. Miscellaneous items are 67 % complete. Sufacing items are 72 % complete. The project as a whole is 72 % complete with 83 of the 118 working days allowed having been used or 70 % of the contract time elapsed. A five man crew is assigned to paving and gravel inspection. One man is assigned to the office. Five men are assigned to the survey crew running Centerline over patches and on the first lift plant mix. Engineering layout is 54 % complete.

HHS 4-2(1)52 Ul-Main St. & 1st Ave.-Laurel
Installation of traffic control devices
0.01 Miles
Contract Amount $44,966.00
Contract Awarded 1-31-77
Work Not Started

Midland Electric Co.
Billings, Montana
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 45 Working Days
Probable Completion Date 9-30-77

The contractor, Midland Electric Company, started work August 15, 1977 with three men employed and has worked 11-8 hour shifts pushing conduit, setting pullboxes and doing Removal and Salvage work. Quality Concrete Company, subcontractor, worked one 8 hour shift with four men installing pin-down curb for the traffic island. Conduit Steel 2" Rigid is approximately 70 % complete, Pull Box Concrete Type 1 is 100 % complete, Removal and Salvage is 100 % complete and Miscellaneous Work is approximately 40 % complete. Contract time elapsed has been 21 working days or 47 % with 24 working days remaining. Engineering time charged to the project during the past reporting period has been 16 man-days. The project as a whole is approximately 10 % complete.

Respectfully Submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/st

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SEP 6 1977
CONSTRUCTION BUREAU

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
September 2, 1977

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending September 2, 1977, for Division 5230 - Miles City, Montana.

GENERAL

Mostly cloudy skies, occasional rain and below normal temperatures prevailed during the past period. Temperatures ranged from 48° to 80°. All construction projects are in good travel condition. On I-94, paved detours are in use 1 - 2 miles east of Forsyth and 1 - 1½ miles west of Forsyth. On U.S. 12, traffic is being detoured through Forsyth to temporary connection with U.S.10 and I-94 at Tenth Street. On Montana 22, graveling is in progress ½ - 1 mile south of Cohagen. The surface is primed 1 - 6 miles south of Cohagen--Good travel condition--Traffic control. On Secondary 315, guardrail, shoulder finishing, and sealing operations are in progress 1 - 8½ miles south of Colstrip--Traffic control.

PRECONSTRUCTION

DP 37-2 (1) 42 - Lame Deer-Ashland
Length - Approx. 22.0 Miles
Survey Not Started

Fld. Proj. Mngr. - Unassigned.
Prob. Compl. Date: Apr. 15, 1978

Preliminary engineering for reconnaissance only was authorized June 18, 1975. Engineering personnel will be assigned when available.

F 37-3 (01) - Ashland-East
Length - Approx. 20.4 Miles
Survey Started: August 23, 1977

D. F. Borer, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Apr. 15, 1978

Authorization to make a ground control survey for design mapping was issued June 2, 1976. Six man-days were used during the past period checking ownerships and securing right-of-entry permits.

DP 39-1 (03) 27 - Colstrip to I-94 (Center Section)
Length - 10.9 Miles
Survey Started: January 13, 1976
Design Started: May 16, 1977

W. D. Dane, Fld. Proj. Mngr. - Survey
A. D. Anderson, Designer II - Design
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date Survey: Sept. 30, 1977
Survey Resumed: July 20, 1977

Location survey and design are in progress concurrently on this project. Survey work in progress during the past period consisted of locating section corners. Drainage areas and recommendations, section ties, and additional topography remain to be secured for this survey. The survey as a whole is 73% complete.

DP 39-1 (03) 27 (Continued) . . .

Design work performed during the past period consisted of preparing summary sheets for typical sections and mass diagram, and plotting cross sections for culvert removals. The original photogrammetry sheets were submitted to Helena for reproduction of plan sheets. Sixteen man-days were used on design. Design as a whole is 6% complete with fifty man-days used.

S 447-1 (01) 29 - 8 Miles So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977

D. F. Borer, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: May 20, 1978

No work was performed on this location survey during the past period. To date, centerline has been run on 9.054 miles or 100% complete. Topography has been taken on 0.5 mile or 1% complete. The survey as a whole is 30% complete.

DP 447-1 (04) 0 - Rosebud-South
(Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: March 15, 1978

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man-days have been used. The survey as a whole is 5% complete.

RS 544-1 (1) 26 - Boyes-South on SR-544
Length - Approx. 8.0 Miles
Survey Started: November 17, 1975

R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Feb. 15, 1978

No work was performed on this project during the past period. To date, right-of-entry permits have been secured, ownerships checked, and fly line established.

DP 566-1 (01) - Tongue River Bridge S.W. of Birney
Length - Approx. 0.5 Miles
Survey Not Started

Fld. Proj. Mngr. - Unassigned
Prob. Compl. Date: March 15, 1978

Authorization to make this bridge and approach survey was issued January 24, 1977. Engineering personnel will be assigned when available.

CONSTRUCTION

I 94-3 (29) 90 U-2 - Forsyth-East and West
Length - 5.745 Mi. Grad., Gravel Surf.
Pl. Mix Bit. Surf., Fencing, Sign., 254.5'
West Interchange Structure, & 304.5' South
Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - U.S. 12-I Conn.-Forsyth
Length - 0.306 Mile Grad., Gravel Surf.,
Pl. Mix Surf., Sign., & 233.0' BN Overpass
Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
R. R. Garland, Fld. Proj. Mngr. (Roadway)
W. D. Dane, Fld. Proj. Mngr. (Structure)
Forsyth, MT - Tel. No. 356-2230
Contract Time: 300 Working Days
Prob. Compl. Date: Dec. 15, 1977

Progress during the past period has been good. 10,440 tons of 3" crushed base course have been placed making a total of 183,316 tons or 88% complete. 33,716 tons of 1½" crushed base course have been placed making a total of 160,815 tons or 90% complete. 47,624 tons of 3/4" crushed top surface have been placed making a total of 47,624 tons or 87% complete. 744.1 tons of plant mix seal were placed making a total of 15,861.5 tons or 84% complete. To date, unclassified excavation is 97% complete, unclassified borrow is 99% complete, fencing is 59% complete, plant mix type 3 is 10% complete, seeding is 80% complete. Culvert items are 100% complete. The contractor worked fifteen 9-hour shifts with 60 men employed. The structures are 99% complete. The contract as a whole is 84% complete with 64% of the contract time elapsed. Construction layout, with a 19-man engineering crew engaged, is 85% complete.

I 94-3 (27) 114 - Hathaway-East and West
Length - 5.6 Miles Grading, Aggregate
Surfacing, Plant Mix Bit. Surf., and
244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
D. F. Borer, Fld. Proj. Mngr. (Roadway)
Miles City, MT - Tel. No. 232-1093
Contract Time: 200 Working Days
Prob. Compl. Date: Oct. 20, 1977

No work was performed on this project during the past period. All work has been completed with the exception of gravel pit reclamation and minor seeding. The project as a whole is 99% complete with 92% of the contract time elapsed. Construction layout, with a two-man engineering crew engaged, is 99% complete.

F 39-1 (1) 13 - Colstrip-Lame Deer
Length - 7.5 Mi. Pl. Mix Overlay
Contract Let: March 31, 1977
Proceed Order: April 22, 1977
Amount of Contract: $678,362.60
Work Started: May 26, 1977

Baltrusch Constr. Co., Contractor
Havre, Montana
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 80 Working Days
Prob. Compl. Date: Oct. 20, 1977

Progress during the past period has been poor. 5,970 tons of Plant Mix Bituminous Surfacing were produced making a total of 19,294 tons or 100% complete. 4.8 miles have been sealed and covered making a total of 4.8 miles or 65% complete. 4,477 lineal feet of guardrail have been installed making a total of 6,187 lineal feet or 50% complete. The prime contractor worked five 10-hour shifts with 19 men employed. Subcontractor, Frank Gurney, Inc., worked fifteen 8-hour shifts with six men employed. The project as a whole is 70% complete with 89% of the contract time elapsed. Construction layout, with a seven-man engineering crew engaged, is 90% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading Gravel Surf. and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles S.E. of Miles City-N.W.
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996.750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 180 Working Days
Prob. Compl. Date: October 30, 1977

No work was performed on this project during the past period. All items with the exception of Seeding and Fertilizing have been completed. The project as a whole is 99% complete with 96% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 99% complete.

RF 157 (28) - Cohagen-South
Length - 5.433 Miles Grading, Agg. Surf. & Pl. Mix Bit. Surf.
Contract Let: October 28, 1976
Proceed Order: April 18, 1977
Amount of Contract: $1,258,220.14
Work Started: February 24, 1977

Earth Builders, Inc., Contractor
Bismarck, North Dakota
R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 160 Working Days
Prob. Compl. Date: Nov. 15, 1977

Progress during the past period has been fair. 11,743 tons of 1½" base course were placed making a total of 85,637 tons or 99% complete. 9,515 tons of 3/4" top surfacing were placed making a total of 9,515 tons or 84% complete. 405 tons of 3/8" blotter material were placed making a total of 405 tons or 84% complete. 94.0 tons of MC-70 were applied as prime coat making a total of 94.0 tons or 84% complete. To date, 575,000 cubic yards of unclassified excavation have been moved or 99% complete. 2,116 lineal feet of R.C.P. culvert have been installed or 99% complete. 1,729 rods of farm fence type F2M have been installed or 96% complete. 1,523 rods of farm fence type F5M have been installed or 85% complete. The contractor worked thirteen 9-hour shifts with 33 men employed. The project as a whole is 67% complete with 56% of the contract time elapsed. Construction layout, with a ten-man engineering crew engaged, is 95% complete.

Kenneth G. Rapp, P. E.
Supr.-Div. Constr. Section

KGR:DM:rjs
cc: Div. File

RECEIVED
SEP 6 1977
CONSTRUCTION BUREAU

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

September 2, 1977

State of Montana
Department of Highways
Helena, MT 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of August 13, 1977 thru September 2, 1977.

GENERAL

The temperature varied from 85°F above to 36°F above with 1.30 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

RF 14-2 (01) Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Authorized: 5-26-70
Survey Started: 1-4-71
Survey Completed: 4-5-73

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on 4-16-73. Bridge Situation Survey was submitted to Helena on 9-18-73. Drainage and Irrigation Notes, including Field Recommendations were submitted to Helena on 7-18-73. Additional information will be submitted to the Hydraulics Section, Helena, when grades are adjusted to balance the project. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 6% complete with 12 man-days expended to date.

Two Dot-West: Bridge Situation Surveys were submitted to Helena on 9-18-73. IBM Run No. 2 was recieved on 9-29-76. The P.I.H. was held August 31, 1977. Two men-days were used making P.I.H. changes for 5% complete. The design as a whole is 51% complete with 236 man-days expended to date.

RS 236-1 (01) 49 PN-Lohse Ferry Bridge and Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5-30-77
Survey Started: 12-13-76

Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

RS 236-1 (01) 49 continued...

No work was done on this project the past reporting period. Information Meeting was held August 2, 1977 with Preconstruction, Bridge, Hydraulics, Fish and Wild Life, and other State Agencies in attendance.

RS 294-1 (01) Martinsdale to US 12
Approximate Length: 2.188 Miles
Survey Authorized: 8-30-74
Survey Started: 3-25-76
Survey Completed:

Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project the past reporting period as personnel are presently working on construction projects in the Lewistown area.

RF 57-2 (02) Geyser-Stanford
Approximate Length: 12.51 Miles
Survey Authorized: 1-22-74
Survey Started: 1-6-75
Survey Suspended: 4-7-75
Survey Resumed: 1-22-77

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Mitch J. Miller
Designer II

All location survey data was submitted to the Division Design Section on 8-7-77. No work was done on this project the past reporting period. A total of 560 man-days have been expended to date.

DESIGN: The completed location survey and supporting data, with the exception of section ties, were submitted to the division office on August 7, 1977. Plotting and inking cross-sections are 100% complete; plotting topography remains 60% complete. The design as a whole is 11% complete with 44 man-days expended to date.

RF 57-2 (02) Stanford-East & West
Approximate Length: 7.3 Miles
Survey Authorized: 9-28-76
Survey Started: 1-31-77
Survey Suspended: 4-6-77
Survey Resumed: 5-19-77

Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327

Eighteen man-days were expended the past reporting period on cross-sectioning. Cross-sectioning is 80% complete. The survey is 45% complete with 302 man-days expended to date.

RF 57-3 (03) Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2-15-72
Survey Started: 11-25-74

Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040

A 1-4 man engineering crew worked 25 man-days this past reporting period running a centerline traverse and working in the office on computations. The survey as a whole is 95% complete with a total of 441 man-days worked to date.

RS 462-2 (1) 15 Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4-10-73
Survey Started: 9-10-73

Mitch J. Miller
Designer II
Lewistown, Montana

RS 462-2 (1) 15 continued...

The completed location and supporting data, with the exception of section ties, was submitted to the Division Office on July 11, 1977. Hydraulics data was submitted to Helena on June 29, 1977. IBM sheets were received July 13,1977. Items 100% complete are: plotting and inking cross-sections, plotting mylar, plotting profile. Tracing plan and profile linens are 80% complete. Thirty-three man-days were used plotting templates for 100% complete; drawing summaries for 50% complete; and designing miscellaneous items for 80% complete. The design as a whole is 30% complete with 125 man-days expended to date.

RF 57-3 (01) Lewistown-East — Unassigned at this time
Approximate Length: 12.6 Miles
Survey Authorized: 6-2-77
Survey Started:

No work has been accomplished on this project to date. Survey will begin as soon as a crew is available.

RF 43-1 (1) 3 Three miles north of Lewistown-North — Unassigned at this time
Approximate Length: 11.3 Miles
Survey Authorized: 6-1-77
Survey Started:

No work has been accomplished on this project to date. Survey will begin as soon as a crew is available.

RF 57-3 ( ) 112.8 Grass Range Wye-East — Unassigned at this time
Approximate Length: 8.9 Miles
Survey Authorized: 6-2-77
Survey Started:

Field Location Review was held September 1, 1977.

RF 14-4 (01) Ryegate-East — Robert A. Passow, S.E.T.
Approximate Length: 2.0 Miles — Field Project Manager
Survey Authorized: 6-2-77 — Roundup, Montana
Survey Started: 6-3-77 — Telephone: 323-2040

Four men worked 17 man-days this past reporting period tieing section lines and office work on section ties. Line run and cross-sections are 100% complete. Section ties are 95% complete. The survey as a whole is 95% complete with a total of 189 man-days worked.

ER 72 (23) Lewistown-Southeast — Mitch J. Miller
Approximate Length: 0.445 Miles — Designer II
Survey Authorized: 12-31-75 — Lewistown, Montana
Survey Started: 7-20-76 — Telephone: 538-8731
Survey Suspended: 7-29-76
Survey Resumed: 9-27-76

All supporting data was submitted to the division office 11-15-76. The P.I.H. was held 4-8-77. Utility agreements with the Mountain Bell were received on July 22, 1977. Mountain Bell staked relocation 8-4-77. Form 133 and relocation plans received from Mountain Bell 8-12-77.

RS 000S (57) Musselshell County — Unassigned at this time
Signing Graveled Secondaries
Approximate Length: 17.3 miles
Survey Authorized: 6-28-77
Survey Started:

No work has been accomplished on this survey to date. Work will begin when a crew becomes available.

SRS 4148 (52) Various Locations
Grade Crossing Signals
Off System

Utility agreements for the Stanford and Windham crossings were received by the division office on 12-29-76 and on 10-14-76, respectively. The work on the Stanford crossing was started on 11-8-76 and was completed on 2-24-77. Work on the Windham crossing was started on 4-1-77 and completed on 6-17-77.

RRP 4139 (51) Yogo Inn Crossing - Lewistown
Grade Crossing Signals
On System, Main Street

Agreement for project was received by the Lewistown office July 14, 1977. The project was authorized to proceed July 11, 1977. Project staked September 1,1977 and railroad plans to begin work in immediate future.

M 7106 (3) Spring Street 8th-11th - Lewistown — Unassigned at this time
Approximate Length: 1100.00 Feet
Survey Authorized: 12-6-76

No work has been done on this survey to date.

M 7103 (1) Airport Road-Lewistown — Unassigned at this time
Approximate Length: 1.7 Miles
Survey Authorized: 12-6-76

No work has been done on this survey to date.

M 7109 (1) 4th Avenue - Lewistown — Unassigned at this time
Approximate Length: 0.4 Miles
Survey Authorized: 9-28-76

No work has been done on this survey to date. Work will begin as soon as a crew becomes available.

RS 245-1 (1) 6 Miles Northwest-Jordan — Unassigned at this time
Approximate Length: 8.0 Miles
Survey Authorized: 9-28-76

No work has been accomplished on this survey to date.

RS 294-1 (2) 12 Lennep-East & West — Unassigned at this time
Approximate Length: 7.0 Miles
Survey Authorized: 5-24-77

No work has been done on this project the past reporting period. Four man-days have been expended to date establishing land ownerships along the proposed route.

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix Bituminous Surfacing, Sewer Installation Signing, Lighting, and a 40.0 Prestressed Concrete Bridge over Spring Creek
Contract Let: 4-1-76
Bid Price: $1,820,322.90
Work Started: 5-24-76

Washington Construction Company
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8731
Contract Time: 160 working days
Probable Completion Date: 9-15-77

The project was inspected and accepted 7-20-77 by R. W. Freeman, P.E., Supervisor, Division Construction Section, pending compliance with Krause gravel pit reclamation requirements. 141 calendar working days were expended. Final estimate quantities and supporting data were submitted to the division office on August 26, 1977.

RF 138 (8) Roundup-North
Grade, Gravel, Plant Mix Surfacing, Bridge
Project Length: 6.2 Miles
Contract Awarded: 5-24-76
Work Started: 7-1-76
Contract Amount: $2,033,972.96

Zook Brothers Construction Co., Inc.
Great Falls, Montana 59403
Robert A. Passow, S.E.T.
Field Project Manager (Road)
Albert G. Reather
Field Project Manager (Bridge)
Telephone: 323-2040
Roundup, Montana
Contract Time: 180 working days
Probable Completion Date: 11-15-77

All contract items with the exception of seeding are completed on the project. Athe project is on shut-down until the fall seeding date or when adequate moisture is received. 99% of the project is complete with 87% of the contract time elapsed. Three men are assigned to the project at this time placing R/W and centerline monuments.

RS 444 (3) Utica-Windham
Length: 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5-28-76
Contract Amount: $1,874,234.66
Work Started: 8-5-76

Hilde & Maronick Constr. Co.'s (JV)
East Helena, Montana
Bruce H. Barrett
Field Project Manager
Telephone: 423-5327
Hobson, Montana
Contract Time: 180 working days
Completion Date: 8-31-77

Progress the past reporting period has been good. Swan and Son completed all seeding including the pit areas on August 29, 1977 and Mark Rite Lines completed the striping on August 31, 1977 making the project 100% complete subject to pit releases, final inspection and acceptance. The project is 100% complete with 83% of the contract time elapsed. Construction layout with 7 engineering personnel assigned is 99% complete with the remaining percentage receipt and installation of Right-Of-Way and Centerline monuments.

RS 450 (3) Denton-North
6.4 Miles Grading, Aggregate Surfacing
Plant Mix Surfacing, Drain, Seal and
Cover, Signing, and Construct an 85.0
Prestressed Concrete Bridge
Fergus County
Contract Awarded: 3-31-76
Contract Amount: $1,001,089.52
Work Started: 4-9-76

Zook Brothers Construction Co.
Great Falls, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown,Montana
Telephone: 538-8731
Contract Time: 175 working days
Completion Date: 8-10-77

The project was inspected and accepted by R. W. Freeman, P.E., Supervisor, Division Construction Section. 151 calendar working days were expended. Two engineering personnel are working on final estimate and supporting data which will be submitted to the division office on 9-9-77.

SMP 1499-76 Maintenance Stockpiles on
Various Roads
Fergus, Judith Basin, Musselshell
Petroleum, and Rosebud Counties
Crushing and Stockpiling
Contract Awarded: 11-19-76
Bid Price: $165,960.00

Empire Sand and Gravel Co., Inc.
Billings, Montana
Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 120 working days
Completion Date: 7-19-77

The project was completed on 7-19-77 with 89.8% of the contract time elapsed. The final estimate and supporting data were submitted to the division office for checking on 7-29-77 and will be submitted to Helena on 9-9-77.

F 61-4 (2) 88 Slide Correction North of
Fred Robinson Bridge
0.1 Mile Slide Correction
Contract Let: 7-28-77
Contract Amount: $112,121.50
Work Started: 8-22-77

Stuber Construction
Glasgow, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 working days
Probable Completion Date: 11-30-77

The preconstruction conference was held on 8-15, 1977 in the Lewistown Division office. Contractor began work on the project on 8-22-77. Work during the past reporting period consisted of erecting construction signing, building temporary fence, and pioneering work into the cut from Sta. 1257+50 to 1258+50. Due to construction activity in the slide area, the slide became active on 8-30-77 between Sta. 1257+00 and 1258+00, moving toward the P.T.W. The contractor is controlling forward progress of the slide by removing the material from the forward face of the slide. On 9-1-77 personnel from the Materials Bureau and Geology Section from Helena and R. W. Freeman, P.E., Supervisor Division Constr. Section of Lewistown, inspected slide activity on the project. The project as a whole is 2% complete with 13% of the contract time elapsed.

F 43-1 (2) 0 Lewistown-North
Length: 2.7 Miles
Seal and Cover
Contract Awarded: August 15, 1977
Contract Amount: $46,298.00
Work Started: 9-2-77

Francis M. Tindall
Lewistown, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 20 working days
Probable Completion Date: 10-1-77

Preconstruction conference was held in the Division Construction Office on 8-26-77. The contractor plans to begin work crushing ½" cover material on 9-2-77, weather permitting. Proceed to work order was issued for 9-6-77. No working days have been expended with three engineering personnel assigned for project inspection and supervision.

Respectfully submitted,

R. W. Freeman, P.E., Supervisor
Division Construction Section

RWF/JHP/jlw

cc: Field Project Managers
Division File

DIRECT PARTICIPATION

FEDERAL HIGHWAY ADMINISTRATION

JULY 18, 1977

MONTHLY PROGRESS REPORT

DIRECT FEDERAL CONSTRUCTION

MONTANA

July 18, 1977

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	79	56 October 1977	R. J. Studer & Sons $3,464,525.00